

Trace file C:\ORACLE\diag\rdbms\jmd\jmd\trace\jmd\_j000\_8344.trc  
Oracle Database 11g Enterprise Edition Release 11.2.0.2.0 - 64bit  
Production  
With the Partitioning, OLAP, Data Mining and Real Application Testing  
options  
Windows NT Version V6.1 Service Pack 1  
CPU : 8 - type 8664, 4 Physical Cores  
Process Affinity : 0x0x0000000000000000  
Memory (Avail/Total): Ph:993M/4085M, Ph+PgF:3384M/8169M  
Instance name: jmd  
Redo thread mounted by this instance: 1  
Oracle process number: 35  
Windows thread id: 8344, image: ORACLE.EXE (J000)

\*\*\* 2013-01-09 23:53:30.831  
\*\*\* SESSION ID:(73.123) 2013-01-09 23:53:30.831  
\*\*\* CLIENT ID:(SYS@170.248.234.122@Mozilla/5.0 (Windows NT 6.1; WOW64)  
AppleWeb) 2013-01-09 23:53:30.831  
\*\*\* SERVICE NAME:(SYS\$USERS) 2013-01-09 23:53:30.831  
\*\*\* MODULE NAME:(DBMS\_SCHEDULER) 2013-01-09 23:53:30.831  
\*\*\* ACTION NAME:(ADV\_SQL\_TUNING\_1357768407538) 2013-01-09 23:53:30.831

kesaiTuneSqlDrv(): begin sql task driver  
Dumping advisor task 0x00000000183EDD40  
kesatmDumpTask(): dump adv task metadata  
taskName=SQL\_TUNING\_1357768407538 id=1293 owner=0 exeName=EXEC\_1543  
exeActId=1

binary dump old structure kesatmCtx  
0183EDD40 0C88FA68 00000000 0C88F968 00000000 [h.....h.....]  
0183EDD50 0C88F968 00000000 00000000 00000000 [h.....]  
0183EDD60 00000000 00000000 00000000 00000000 [.....]  
Repeat 130 times  
0183EE590 00000000 00000000 00000002 00000001 [.....]  
0183EE5A0 00000001 00000000 00000000 3FF00000 [.....?]  
0183EE5B0 00000708 50EDEDE2 0000012C 00000000 [.....P,.....]  
0183EE5C0 00000000 00000000 00000000 00000000 [.....]  
0183EE5D0 000A003F 00000000 00000000 3FE00000 [?......?]  
0183EE5E0 00000008 00000000 00000000 3FF80000 [.....?]  
0183EE5F0 00000000 00000000 00000000 00000000 [.....]  
Repeat 2 times  
0183EE620 00000000 00000000 183EE810 00000000 [.....>.....]  
0183EE630 00000000 00000000 00000000 00000000 [.....]  
Repeat 12 times  
0183EE700 00000000 00000000 01010007 00000001 [.....]  
0183EE710 00000000 00000000 00000000 00000000 [.....]  
Repeat 3 times  
0183EE750 00000000 00000000 183EECB0 00000000 [.....>.....]  
0183EE760 00000000 00000000 00000000 00000000 [.....]  
Repeat 7 times  
0183EE7E0 12EBC5D0 00000000 00000000 00000000 [.....]  
0183EE7F0 00000000 00000000 00000000 00000000 [.....]  
0183EE800 00000000 00000000 [.....]  
Dumping advisor object 0x000000000C88F968 (target)

```

id=1 type=7 alloc=1 exec=
attr1=bud1h7fhpkgam
attr2=1499986165
attr3=SYS
attr4=SELECT a.advisor_name, a.task_name, a.inst_id, a.description,
a.owner, a.status, a.execution_start, a.execution_end, trunc(a.created) -
trunc(sysdate) + a.days_to_expire_num, a.task_id, a.recommendation_count,
a.state, j1.status, cast(nvl(a.start_date, a.l
attr5=
kestsDumpCtl(): dump control parameters
  client=sqltune global time left=1800, local time limit=300,
mode=COMPREHENSIVE
  testExec=AUTO execMargin=1 stnCtl=0x3f spaCtl=10 options=0
idxCtlPar=0.5 apaStratCtl=0x8 apaThreshCtl=1.5 testCtl=0
  execFullDml=FALSE execStrictBind=FALSE

```

```

*** 2013-01-09 23:53:33.525

```

```

kesai loop analyze sql_id=bud1h7fhpkgam seq=0

```

```

kesqsDumpSql(): dumping sql structure

```

```

  sql=(@=0x00000000183EEF00, uid=0, bnd=0x0000000012F1CA30,
stat=0x0000000012F1CBA0, cenv=0x0000000012F1CA80)

```

```

  SQL Text:

```

```

    qksanDumpSql() dumping sql text
      SELECT a.advisor_name, a.task_name, a.inst_id, a.description,
a.owner, a.status, a.execution_start, a.execution_end, trunc(a.created) -
trunc(sysdate)
        + a.days_to_expire_num, a.task_id, a.recommendation_count,
a.state, j1.status, cast(nvl(a.start_date, a.last_start_date) as
TIMESTAMP), a.created,
          trunc(sysdate)-trunc(a.created), a.days_to_expire FROM (SELECT
b.*, j.state as state, j.start_date as start_date, j.last_start_date as
last_start_date FROM (SELECT c.*, p1.parameter_value as
days_to_expire, replace(p1.parameter_value, 'UNLIMITED', '-1') as
days_to_expire_num,
          p2.parameter_value as inst_id FROM (SELECT /*+ all_rows ordered
no_merge(t)*/ t.advisor_name as advisor_name, t.task_name as task_name,
          t.description as description, t.owner as owner, t.created as
created, t.status as status, t.execution_start as execution_start,
t.execution_end as
          execution_end, t.task_id as task_id, t.recommendation_count as
recommendation_count FROM dba_advisor_tasks t WHERE t.advisor_name
like :1 AND
          t.task_name like :2 AND t.execution_start > sysdate - :3 ) c,
(SELECT task_id, parameter_value FROM dba_advisor_parameters_proj WHERE
          parameter_name = 'DAYS_TO_EXPIRE') p1, (SELECT task_id,
parameter_value FROM dba_advisor_parameters_proj WHERE parameter_name
= 'INSTANCE') p2,
          (SELECT task_id, parameter_value FROM
dba_advisor_parameters_proj WHERE parameter_name = 'DB_ID') p3 WHERE
p1.task_id = c.task_id AND p2.task_id
          = c.task_id AND p3.task_id(+) = c.task_id AND
(p2.parameter_value='UNUSED' or (p2.parameter_value=to_char(:4) AND
(p3.parameter_value is null or

```

```

        p3.parameter_value = to_char(:5)))) b, dba_scheduler_jobs j
WHERE  concat('ADV_', b.task_name) = j.job_name (+) AND  b.owner =
j.owner (+) ) a,
      (SELECT job_name, operation, status, owner FROM
dba_scheduler_job_log WHERE  operation = 'RUN' AND  log_id in (SELECT
unique max(log_id) over
      (partition by job_name) FROM  dba_scheduler_job_log WHERE
operation = 'RUN') ) j1 WHERE  concat('ADV_', a.task_name) = j1.job_name
(+) AND
      j1.operation(+)='RUN' AND  a.owner=j1.owner (+)

```

```

stat=(@=0x0000000012F1CBA0, mod=Admin Connection, act=, elps=4676599,
cpu=1419608, bg=16505, dr=169, dw=0
      nfch=34, nex=34, neof=34, cst=245, pri=-1
      sper=-1, aper=-1

```

```

Compilation Environment:
Compilation Environment Dump
optimizer_mode_hinted           = true
optimizer_features_hinted      = 11.2.0.2
parallel_execution_enabled     = true
parallel_query_forced_dop      = 0
parallel_dml_forced_dop        = 0
parallel_ddl_forced_degree     = 0
parallel_ddl_forced_instances  = 0
_query_rewrite_fudge           = 90
optimizer_features_enable      = 11.2.0.2
_optimizer_search_limit        = 5
cpu_count                       = 8
active_instance_count          = 1
parallel_threads_per_cpu       = 2
hash_area_size                 = 131072
bitmap_merge_area_size         = 1048576
sort_area_size                 = 65536
sort_area_retained_size        = 0
_sort_elimination_cost_ratio    = 0
_optimizer_block_size          = 8192
_sort_multiblock_read_count    = 2
_hash_multiblock_io_count      = 0
_db_file_optimizer_read_count  = 8
_optimizer_max_permutations    = 2000
pga_aggregate_target           = 212992 KB
_pga_max_size                  = 204800 KB
_query_rewrite_maxdisjunct     = 257
_smm_auto_min_io_size          = 56 KB
_smm_auto_max_io_size          = 248 KB
_smm_min_size                  = 180 KB
_smm_max_size                  = 36044 KB
_smm_px_max_size               = 90112 KB
_cpu_to_io                     = 0
_optimizer_undo_cost_change    = 11.2.0.2
parallel_query_mode            = enabled
parallel_dml_mode              = disabled
parallel_ddl_mode              = enabled
optimizer_mode                 = all_rows

```

sqlstat_enabled	= false
_optimizer_percent_parallel	= 101
_always_anti_join	= choose
_always_semi_join	= choose
_optimizer_mode_force	= true
_partition_view_enabled	= true
_always_star_transformation	= false
_query_rewrite_or_error	= false
_hash_join_enabled	= true
cursor_sharing	= exact
_b_tree_bitmap_plans	= true
star_transformation_enabled	= false
_optimizer_cost_model	= choose
_new_sort_cost_estimate	= true
_complex_view_merging	= true
_unnest_subquery	= true
_eliminate_common_subexpr	= true
_pred_move_around	= true
_convert_set_to_join	= false
_push_join_predicate	= true
_push_join_union_view	= true
_fast_full_scan_enabled	= true
_optim_enhance_nnull_detection	= true
_parallel_broadcast_enabled	= true
_px_broadcast_fudge_factor	= 100
_ordered_nested_loop	= true
_no_or_expansion	= false
optimizer_index_cost_adj	= 100
optimizer_index_caching	= 0
_system_index_caching	= 0
_disable_datalayer_sampling	= false
query_rewrite_enabled	= true
query_rewrite_integrity	= enforced
_query_cost_rewrite	= true
_query_rewrite_2	= true
_query_rewrite_1	= true
_query_rewrite_expression	= true
_query_rewrite_jgmigrate	= true
_query_rewrite_fpc	= true
_query_rewrite_drj	= true
_full_pwise_join_enabled	= true
_partial_pwise_join_enabled	= true
_left_nested_loops_random	= true
_improved_row_length_enabled	= true
_index_join_enabled	= true
_enable_type_dep_selectivity	= true
_improved_outerjoin_card	= true
_optimizer_adjust_for_nulls	= true
_optimizer_degree	= 0
_use_column_stats_for_function	= true
_subquery_pruning_enabled	= true
_subquery_pruning_mv_enabled	= false
_or_expand_nvl_predicate	= true
_like_with_bind_as_equality	= false



```

_table_scan_cost_plus_one           = true
_cost_equality_semi_join            = true
_default_non_equality_sel_check     = true
_new_initial_join_orders            = true
_oneside_colstat_for_equijoins      = true
_optim_peek_user_binds              = true
_minimal_stats_aggregation          = true
_force temptables_for_gsets         = false
workarea_size_policy                = auto
_smm_auto_cost_enabled              = true
_gs_anti_semi_join_allowed          = true
_optim_new_default_join_sel         = true
optimizer_dynamic_sampling          = 2
_pre_rewrite_push_pred              = true
_optimizer_new_join_card_computation = true
_union_rewrite_for_gs                = yes_gset_mvs
_generalized_pruning_enabled        = true
_optim_adjust_for_part_skews         = true
_force_datefold_trunc               = false
statistics_level                    = typical
_optimizer_system_stats_usage       = true
skip_unusable_indexes               = true
_remove_aggr_subquery               = true
_optimizer_push_down_distinct       = 0
_dml_monitoring_enabled             = true
_optimizer_undo_changes             = false
_predicate_elimination_enabled      = true
_nested_loop_fudge                  = 100
_project_view_columns                = true
_local_communication_costing_enabled = true
_local_communication_ratio          = 50
_query_rewrite_vop_cleanup          = true
_slave_mapping_enabled              = true
_optimizer_cost_based_transformation = linear
_optimizer_mjc_enabled              = true
_right_outer_hash_enable            = true
_spr_push_pred_refspr               = true
_optimizer_cache_stats              = false
_optimizer_cbqt_factor              = 50
_optimizer_squ_bottomup              = true
_fic_area_size                      = 131072
_optimizer_skip_scan_enabled        = true
_optimizer_cost_filter_pred         = false
_optimizer_sortmerge_join_enabled   = true
_optimizer_join_sel_sanity_check    = true
mmv_query_rewrite_enabled           = true
_bt_mmv_query_rewrite_enabled       = true
_add_stale_mv_to_dependency_list    = true
_distinct_view_unnesting            = false
_optimizer_dim_subq_join_sel        = true
_optimizer_disable_strans_sanity_checks = 0
_optimizer_compute_index_stats      = true
_push_join_union_view2              = true
_optimizer_ignore_hints              = false

```

```
_optimizer_random_plan = 0
_query_rewrite_setopgrw_enable = true
_optimizer_correct_sq_selectivity = true
_disable_function_based_index = false
_optimizer_join_order_control = 3
_optimizer_cartesian_enabled = true
_optimizer_starplan_enabled = true
_extended_pruning_enabled = true
_optimizer_push_pred_cost_based = true
_optimizer_null_aware_antijoin = true
_optimizer_extend_jppd_view_types = true
_sql_model_unfold_forloops = run_time
_enable_dml_lock_escalation = false
_bloom_filter_enabled = true
_update_bji_ipdml_enabled = 0
_optimizer_extended_cursor_sharing = udo
_dm_max_shared_pool_pct = 1
_optimizer_cost_hjsmj_multimatch = true
_optimizer_transitivity_retain = true
_px_pwg_enabled = true
optimizer_secure_view_merging = true
_optimizer_join_elimination_enabled = true
flashback_table_rpi = non_fbt
_optimizer_cbqt_no_size_restriction = true
_optimizer_enhanced_filter_push = true
_optimizer_filter_pred_pullup = true
_rowsrc_trace_level = 0
_simple_view_merging = true
_optimizer_rownum_pred_based_fkr = true
_optimizer_better_inlist_costing = all
_optimizer_self_induced_cache_cost = false
_optimizer_min_cache_blocks = 10
_optimizer_or_expansion = depth
_optimizer_order_by_elimination_enabled = true
_optimizer_outer_to_anti_enabled = true
_selfjoin_mv_duplicates = true
_dimension_skip_null = true
_force_rewrite_enable = false
_optimizer_star_tran_in_with_clause = true
_optimizer_complex_pred_selectivity = true
_optimizer_connect_by_cost_based = true
_gby_hash_aggregation_enabled = true
_globalindex_pnum_filter_enabled = true
_px_minus_intersect = true
_fix_control_key = 0
_force_slave_mapping_intra_part_loads = false
_force_tmp_segment_loads = false
_query_mmvrewrite_maxpreds = 10
_query_mmvrewrite_maxintervals = 5
_query_mmvrewrite_maxinlists = 5
_query_mmvrewrite_maxdmaps = 10
_query_mmvrewrite_maxcmaps = 20
_query_mmvrewrite_maxregperm = 512
_query_mmvrewrite_maxqrynlistvals = 500
```

```
_disable_parallel_conventional_load = false
_trace_virtual_columns              = false
_replace_virtual_columns            = true
_virtual_column_overload_allowed    = true
_kdt_buffering                      = true
_first_k_rows_dynamic_proration     = true
_optimizer_sortmerge_join_inequality = true
_optimizer_aw_stats_enabled         = true
_bloom_pruning_enabled              = true
result_cache_mode                   = FORCE
_px_ual_serial_input                = true
_optimizer_skip_scan_guess          = false
_enable_row_shipping                 = true
_row_shipping_threshold              = 80
_row_shipping_explain                = false
transaction_isolation_level         = read_committed
_optimizer_distinct_elimination      = true
_optimizer_multi_level_push_pred    = true
_optimizer_group_by_placement       = true
_optimizer_rownum_bind_default      = 10
_enable_query_rewrite_on_remote_objs = true
_optimizer_extended_cursor_sharing_rel = simple
_optimizer_adaptive_cursor_sharing  = true
_direct_path_insert_features         = 0
_optimizer_improve_selectivity       = true
optimizer_use_pending_statistics     = false
_optimizer_enable_density_improvements = true
_optimizer_aw_join_push_enabled     = true
_optimizer_connect_by_combine_sw    = true
_enable_pmo_ctas                     = 0
_optimizer_native_full_outer_join   = force
_bloom_predicate_enabled            = true
_optimizer_enable_extended_stats    = true
_is_lock_table_for_ddl_wait_lock    = 0
_pivot_implementation_method        = choose
optimizer_capture_sql_plan_baselines = true
optimizer_use_sql_plan_baselines    = true
_optimizer_star_trans_min_cost      = 0
_optimizer_star_trans_min_ratio     = 0
_with_subquery                       = OPTIMIZER
_optimizer_fkr_index_cost_bias      = 10
_optimizer_use_subheap               = true
parallel_degree_policy               = manual
parallel_degree                      = 0
parallel_min_time_threshold          = 10
_parallel_time_unit                  = 10
_optimizer_or_expansion_subheap     = true
_optimizer_free_transformation_heap = true
_optimizer_reuse_cost_annotations   = true
_result_cache_auto_size_threshold   = 100
_result_cache_auto_time_threshold   = 1000
_optimizer_nested_rollup_for_gset   = 100
_nlj_batching_enabled                = 1
parallel_query_default_dop           = 0
```

```
is_recur_flags = 0
optimizer_use_invisible_indexes = false
flashback_data_archive_internal_cursor = 0
_optimizer_extended_stats_usage_control = 192
_parallel_syspls_obey_force = true
cell_offload_processing = true
_rdbms_internal_fplib_enabled = false
db_file_multiblock_read_count = 128
_bloom_folding_enabled = true
_mv_generalized_oj_refresh_opt = true
cell_offload_compaction = ADAPTIVE
cell_offload_plan_display = AUTO
_bloom_predicate_pushdown_to_storage = true
_bloom_vector_elements = 0
_bloom_pushing_max = 512
parallel_degree_limit = 65535
parallel_force_local = false
parallel_max_degree = 16
total_cpu_count = 8
_optimizer_coalesce_subqueries = true
_optimizer_fast_pred_transitivity = true
_optimizer_fast_access_pred_analysis = true
_optimizer_unnest_disjunctive_subq = true
_optimizer_unnest_corr_set_subq = true
_optimizer_distinct_agg_transform = true
_aggregation_optimization_settings = 0
_optimizer_connect_by_elim_dups = true
_optimizer_eliminate_filtering_join = true
_connect_by_use_union_all = true
dst_upgrade_insert_conv = true
advanced_queuing_internal_cursor = 0
_optimizer_unnest_all_subqueries = true
parallel_autodop = 0
parallel_ddldml = 0
_parallel_cluster_cache_policy = adaptive
_parallel_scalability = 50
iot_internal_cursor = 0
_optimizer_instance_count = 0
_optimizer_connect_by_cb_whr_only = false
_suppress_scn_chk_for_cqn = nosuppress_1466
_optimizer_join_factorization = true
_optimizer_use_cbqt_star_transformation = true
_optimizer_table_expansion = true
_and_pruning_enabled = true
_deferred_constant_folding_mode = DEFAULT
_optimizer_distinct_placement = true
partition_pruning_internal_cursor = 0
parallel_hinted = none
_sql_compatibility = 0
_optimizer_use_feedback = true
_optimizer_try_st_before_jppd = true
_dml_frequency_tracking = false
_optimizer_interleave_jppd = true
kkb_drop_empty_segments = 0
```

```
_px_partition_scan_enabled      = true
_px_partition_scan_threshold    = 64
_optimizer_false_filter_pred_pullup = true
_bloom_minmax_enabled          = true
only_move_row                   = 0
_optimizer_enable_table_lookup_by_nl = true
```

Bind List follows:

```
bind value pos=1 name=
  bind(0x0000000012F1CA30): flags=0 typ=1 data=0x000000001F0BE677
len=1
```

```
  bind_strval="%"
  bind in binary format:
01F0BE670          25016903          [.i.%]
```

```
bind value pos=2 name=
  bind(0x0000000012F1C9E0): flags=0 typ=1 data=0x000000001F0BE67E
len=1
```

```
  bind_strval="%"
  bind in binary format:
01F0BE670          F0250169          [i.%.]
```

```
bind value pos=3 name=
  bind(0x0000000012F1C990): flags=0 typ=2 data=0x000000001F0BE683
len=2
```

```
  bind_strval="31"
  bind in binary format:
01F0BE680 C1021602 1602F020          [.... ...]
```

```
bind value pos=4 name=
  bind(0x0000000012F1C940): flags=0 typ=2 data=0x000000001F0BE689
len=2
```

```
  bind_strval="1"
  bind in binary format:
01F0BE680          F002C102          [....]
```

```
bind value pos=5 name=
  bind(0x0000000012F1C8F0): flags=0 typ=2 data=0x000000001F0BE68F
len=6
```

```
  bind_strval="2535104098"
  bind in binary format:
01F0BE680          C5061602          [....]
01F0BE690 290B241A 00000063          [.$.)c...]
```

```
kesaiExecAction(): enter
kestsAutoTuneDrv() begin auto-tune
  kestsAutoTuneSql(): enter
  kestsInitialRound(): enter
```

```
*** 2013-01-09 23:53:33.593
  kkoatStatsCollectTab(enter): froP=0x000000001E5155E0
kestsacAddTableObjCtx(enter): froP=000000001E5155E0
kestsacAddGObjCtx(enter): objn=6017, typ=TABLE, bown=SYS,
bnam=SCHEDULER$_DESTINATIONS
kestsacAddGObjCtx(exit): gobj=0000000012F1B758
kestsacAddLObjCtx(enter): gobj=0000000012F1B758, own=SYS,
nam=SCHEDULER$_DESTINATIONS
kestsacAddLObjCtx(exit): lobj=0000000012F1B7E0
kestsacAddTableObjCtx(exit): lobj=0000000012F1B7E0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E5155E0
kkoatLookupTabStats results: statState=OKAY nbRows= nbBlocks= for
kkoatTabStatsCollectAll(enter): qbcP=0x000000001E51B098
froP=0x000000001E5155E0 mt=3 mc=0 mi=0
  gobj=(@=0000000012F1B758, nxt=0000000000001781, objn=0 typ=TABLE,
bown=SYS, bnam=SCHEDULER$_DESTINATIONS
  stat=INVALID blks=1 rows=2, flg=)
  kkoatTabStatsCollectAll(exit): VSstatus=1
cardinalities verified: rows=2 vfyRows=2
#blocks verified: blocks=1 vfyBlocks=1
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E5A05A8
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E5A05A8
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatAllocQbCtx(enter): atCtxP=0x00000000183EC810,
qbcP=0x000000001F095A68 qbcname=SEL$916FDCC7
kestsacAddQbCtx(enter): qbName=SEL$916FDCC7
kestsacAddQbCtx(exit): qbCtx=0000000012F1D0C0
  signature (initial): qb_name=SEL$916FDCC7 nbfros=2 flg=0
  fro(0): flg=0 objn=18 hint_alias="CO"@SEL$35"
  fro(1): flg=0 objn=5959 hint_alias="E"@SEL$35"
  kkoatAllocQbCtx(exit)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1D0C0
  kkoatSetupQbCtx(exit): passNum=0 qbcDone=no atDone=no
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001F0EC058
  kkoatSaveJoinOrder(exit)
  kkoatAllocQbCtx(enter): atCtxP=0x00000000183EC810,
qbcP=0x000000001F098BE0 qbcname=SEL$3CE29736
kestsacAddQbCtx(enter): qbName=SEL$3CE29736
kestsacAddQbCtx(exit): qbCtx=0000000012F1D288
  signature (initial): qb_name=SEL$3CE29736 nbfros=3 flg=0
  fro(0): flg=0 objn=18 hint_alias="CO"@SEL$33"
  fro(1): flg=0 objn=5959 hint_alias="E"@SEL$33"
  fro(2): flg=1 objn=0 hint_alias="VW_NSO_1"@SEL$3CE29736"
  kkoatAllocQbCtx(exit)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1D288
  kkoatSetupQbCtx(exit): passNum=0 qbcDone=no atDone=no
```

```
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D288
joP=0x000000001F0E7FD8
kkoatSaveJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001F0E7FD8
kkoatSaveJoinOrder(exit)
signature (original): qb_name=SEL$3CE29736 nbfros=3 flg=0
fro(0): flg=0 objn=18 hint_alias="CO"@SEL$33"
fro(1): flg=0 objn=5959 hint_alias="E"@SEL$33"
fro(2): flg=1 objn=0 hint_alias="VW_NSO_1"@SEL$3CE29736"
signature (new): qb_name=SEL$3CE29736 nbfros=3 flg=0
fro(0): flg=0 objn=18 hint_alias="CO"@SEL$33"
fro(1): flg=0 objn=5959 hint_alias="E"@SEL$33"
fro(2): flg=1 objn=0 hint_alias="VW_NSO_2"@SEL$3CE29736"
kkoatAllocQbCtx(enter): atCtxP=0x00000000183EC810,
qbcP=0x000000001F17EFB0 qbcname=SEL$5F9076AD
kestsacAddQbCtx(enter): qbName=SEL$5F9076AD
kestsacAddQbCtx(exit): qbCtx=0000000012F1CE78
signature (initial): qb_name=SEL$5F9076AD nbfros=2 flg=0
fro(0): flg=0 objn=18 hint_alias="CO"@SEL$35"
fro(1): flg=0 objn=5959 hint_alias="E"@SEL$35"
kkoatAllocQbCtx(exit)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1CE78
kkoatSetupQbCtx(exit): passNum=0 qbcDone=no atDone=no
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1CE78
joP=0x000000001F127FD8
kkoatSaveJoinOrder(exit)
kkoatAllocQbCtx(enter): atCtxP=0x00000000183EC810,
qbcP=0x000000001F106BF0 qbcname=SEL$9CF1E98E
kestsacAddQbCtx(enter): qbName=SEL$9CF1E98E
kestsacAddQbCtx(exit): qbCtx=0000000012F1C0B8
signature (initial): qb_name=SEL$9CF1E98E nbfros=2 flg=0
fro(0): flg=0 objn=18 hint_alias="CO"@SEL$33"
fro(1): flg=0 objn=5959 hint_alias="E"@SEL$33"
kkoatAllocQbCtx(exit)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C0B8
kkoatSetupQbCtx(exit): passNum=0 qbcDone=no atDone=no
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C0B8
joP=0x000000001F127FD8
kkoatSaveJoinOrder(exit)
kkoatAllocQbCtx(enter): atCtxP=0x00000000183EC810,
qbcP=0x0000000021503FD8 qbcname=SEL$1C34B9A1
kestsacAddQbCtx(enter): qbName=SEL$1C34B9A1
kestsacAddQbCtx(exit): qbCtx=0000000012F1C280
signature (initial): qb_name=SEL$1C34B9A1 nbfros=4 flg=0
fro(0): flg=0 objn=18 hint_alias="AO"@SEL$26"
fro(1): flg=0 objn=6017 hint_alias="D"@SEL$26"
fro(2): flg=0 objn=18 hint_alias="O"@SEL$26"
fro(3): flg=0 objn=22 hint_alias="U"@SEL$26"
kkoatAllocQbCtx(exit)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C280
kkoatSetupQbCtx(exit): passNum=0 qbcDone=no atDone=no
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x000000001F11C058
```

```
kkoatSaveJoinOrder(exit)
kkoatAllocQbCtx(enter): atCtxP=0x00000000183EC810,
qbcP=0x000000002150A9B8 qbcname=SEL$A065B7E5
kestsacAddQbCtx(enter): qbName=SEL$A065B7E5
kestsacAddQbCtx(exit): qbCtx=0000000012F1C558
signature (initial): qb_name=SEL$A065B7E5 nbfros=2 flg=0
fro(0): flg=0 objn=6017 hint_alias="D"@SEL$28"
fro(1): flg=0 objn=18 hint_alias="O"@SEL$28"
kkoatAllocQbCtx(exit)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C558
kkoatSetupQbCtx(exit): passNum=0 qbcDone=no atDone=no
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x000000001F11C058
kkoatSaveJoinOrder(exit)
kkoatAllocQbCtx(enter): atCtxP=0x00000000183EC810,
qbcP=0x000000001E60B3B0 qbcname=SEL$23
kestsacAddQbCtx(enter): qbName=SEL$23
kestsacAddQbCtx(exit): qbCtx=0000000012F1B8C8
signature (initial): qb_name=SEL$23 nbfros=1 flg=0
fro(0): flg=0 objn=18 hint_alias="RO1"@SEL$23"
kkoatAllocQbCtx(exit)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B8C8
kkoatSetupQbCtx(exit): passNum=0 qbcDone=no atDone=no
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x000000001F11C058
kkoatSaveJoinOrder(exit)
kkoatAllocQbCtx(enter): atCtxP=0x00000000183EC810,
qbcP=0x000000001E60EA10 qbcname=SEL$24
kestsacAddQbCtx(enter): qbName=SEL$24
kestsacAddQbCtx(exit): qbCtx=0000000012F1B9F8
signature (initial): qb_name=SEL$24 nbfros=1 flg=0
fro(0): flg=0 objn=5933 hint_alias="LO1"@SEL$24"
kkoatAllocQbCtx(exit)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B9F8
kkoatSetupQbCtx(exit): passNum=0 qbcDone=no atDone=no
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x000000001F11C058
kkoatSaveJoinOrder(exit)
kkoatAllocQbCtx(enter): atCtxP=0x00000000183EC810,
qbcP=0x000000001E605E48 qbcname=SEL$21
kestsacAddQbCtx(enter): qbName=SEL$21
kestsacAddQbCtx(exit): qbCtx=0000000012F1BB28
signature (initial): qb_name=SEL$21 nbfros=1 flg=0
fro(0): flg=0 objn=5923 hint_alias="RJ1"@SEL$21"
kkoatAllocQbCtx(exit)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BB28
kkoatSetupQbCtx(exit): passNum=0 qbcDone=no atDone=no
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BB28
joP=0x000000001F11C058
kkoatSaveJoinOrder(exit)
kkoatAllocQbCtx(enter): atCtxP=0x00000000183EC810,
qbcP=0x000000001E608158 qbcname=SEL$22
kestsacAddQbCtx(enter): qbName=SEL$22
kestsacAddQbCtx(exit): qbCtx=0000000012F1BC58
```



```
signature (initial): qb_name=SEL$22 nbfros=1 flg=0
  fro(0): flg=0 objn=5936 hint_alias="LJ1"@SEL$22"
kkoatAllocQbCtx(exit)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BC58
kkoatSetupQbCtx(exit): passNum=0 qbcDone=no atDone=no
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x000000001F11C058
  kkoatSaveJoinOrder(exit)
  kkoatAllocQbCtx(enter): atCtxP=0x00000000183EC810,
qbcP=0x0000000021509CC8 qbcname=SEL$20
kestsacAddQbCtx(enter): qbName=SEL$20
kestsacAddQbCtx(exit): qbCtx=0000000012F1BD88
  signature (initial): qb_name=SEL$20 nbfros=4 flg=0
    fro(0): flg=1 objn=0 hint_alias="J1"@SEL$20"
    fro(1): flg=1 objn=0 hint_alias="JD1"@SEL$20"
    fro(2): flg=1 objn=0 hint_alias="O1"@SEL$20"
    fro(3): flg=0 objn=22 hint_alias="U1"@SEL$20"
  kkoatAllocQbCtx(exit)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BD88
  kkoatSetupQbCtx(exit): passNum=0 qbcDone=no atDone=no
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000002154C058
  kkoatSaveJoinOrder(exit)
  kkoatAllocQbCtx(enter): atCtxP=0x00000000183EC810,
qbcP=0x0000000021578030 qbcname=SEL$52271521
kestsacAddQbCtx(enter): qbName=SEL$52271521
kestsacAddQbCtx(exit): qbCtx=0000000012F1A758
  signature (initial): qb_name=SEL$52271521 nbfros=1 flg=0
    fro(0): flg=0 objn=5923 hint_alias="RJ1"@SEL$21"
  kkoatAllocQbCtx(exit)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A758
  kkoatSetupQbCtx(exit): passNum=0 qbcDone=no atDone=no
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x0000000021547FD8
  kkoatSaveJoinOrder(exit)
  kkoatAllocQbCtx(enter): atCtxP=0x00000000183EC810,
qbcP=0x000000002157A2C0 qbcname=SEL$44902B2C
kestsacAddQbCtx(enter): qbName=SEL$44902B2C
kestsacAddQbCtx(exit): qbCtx=0000000012F1A898
  signature (initial): qb_name=SEL$44902B2C nbfros=1 flg=0
    fro(0): flg=0 objn=5936 hint_alias="LJ1"@SEL$22"
  kkoatAllocQbCtx(exit)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A898
  kkoatSetupQbCtx(exit): passNum=0 qbcDone=no atDone=no
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x0000000021547FD8
  kkoatSaveJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021547FD8
  kkoatSaveJoinOrder(exit)
  kkoatAllocQbCtx(enter): atCtxP=0x00000000183EC810,
qbcP=0x00000000215BB428 qbcname=SEL$0393A011
kestsacAddQbCtx(enter): qbName=SEL$0393A011
kestsacAddQbCtx(exit): qbCtx=0000000012F1A9D8
```

```
signature (initial): qb_name=SEL$0393A011 nbfros=4 flg=0
  fro(0): flg=0 objn=18 hint_alias="AO"@SEL$26"
  fro(1): flg=0 objn=6017 hint_alias="D"@SEL$26"
  fro(2): flg=0 objn=18 hint_alias="O"@SEL$26"
  fro(3): flg=0 objn=22 hint_alias="U"@SEL$26"
kkoatAllocQbCtx(exit)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A9D8
kkoatSetupQbCtx(exit): passNum=0 qbcDone=no atDone=no
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A9D8
joP=0x0000000021587DE0
  kkoatSaveJoinOrder(exit)
  kkoatAllocQbCtx(enter): atCtxP=0x00000000183EC810,
qbcP=0x00000000215A15A0 qbcname=SEL$02611F2C
kestsacAddQbCtx(enter): qbName=SEL$02611F2C
kestsacAddQbCtx(exit): qbCtx=0000000012F1ACB0
  signature (initial): qb_name=SEL$02611F2C nbfros=2 flg=0
  fro(0): flg=0 objn=6017 hint_alias="D"@SEL$28"
  fro(1): flg=0 objn=18 hint_alias="O"@SEL$28"
kkoatAllocQbCtx(exit)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1ACB0
kkoatSetupQbCtx(exit): passNum=0 qbcDone=no atDone=no
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1ACB0
joP=0x0000000021587DE0
  kkoatSaveJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021587DE0
  kkoatSaveJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000217CC058
  kkoatSaveJoinOrder(exit)
  kkoatAllocQbCtx(enter): atCtxP=0x00000000183EC810,
qbcP=0x000000002167D318 qbcname=SEL$19
kestsacAddQbCtx(enter): qbName=SEL$19
kestsacAddQbCtx(exit): qbCtx=0000000012F1AE78
  signature (initial): qb_name=SEL$19 nbfros=1 flg=0
  fro(0): flg=0 objn=5969 hint_alias="WM"@SEL$19"
kkoatAllocQbCtx(exit)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1AE78
kkoatSetupQbCtx(exit): passNum=0 qbcDone=no atDone=no
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x00000000217CC058
  kkoatSaveJoinOrder(exit)
  kkoatAllocQbCtx(enter): atCtxP=0x00000000183EC810,
qbcP=0x0000000021668CF0 qbcname=SEL$5F3F0374
kestsacAddQbCtx(enter): qbName=SEL$5F3F0374
kestsacAddQbCtx(exit): qbCtx=0000000012F1AFA8
  signature (initial): qb_name=SEL$5F3F0374 nbfros=10 flg=0
  fro(0): flg=0 objn=18 hint_alias="CMO"@SEL$17"
  fro(1): flg=0 objn=22 hint_alias="CMU"@SEL$17"
  fro(2): flg=0 objn=6017 hint_alias="D"@SEL$17"
  fro(3): flg=0 objn=5967 hint_alias="W"@SEL$17"
  fro(4): flg=0 objn=5969 hint_alias="WG"@SEL$17"
  fro(5): flg=0 objn=18 hint_alias="WMO"@SEL$17"
  fro(6): flg=0 objn=22 hint_alias="WMU"@SEL$17"
```

```
fro(7): flg=0 objn=5923 hint_alias="J1"@"SEL$18"  
fro(8): flg=0 objn=18 hint_alias="O"@"SEL$18"  
fro(9): flg=0 objn=22 hint_alias="U"@"SEL$18"  
kkoatAllocQbCtx(exit)  
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1AFA8  
kkoatSetupQbCtx(exit): passNum=0 qbcDone=no atDone=no  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AFA8  
joP=0x00000000217CC058  
kkoatSaveJoinOrder(exit)  
kkoatAllocQbCtx(enter): atCtxP=0x00000000183EC810,  
qbcP=0x000000002166A7A8 qbcname=SEL$1FB6C052  
kestsacAddQbCtx(enter): qbName=SEL$1FB6C052  
kestsacAddQbCtx(exit): qbCtx=0000000012F1B5C0  
signature (initial): qb_name=SEL$1FB6C052 nbfros=2 flg=0  
fro(0): flg=1 objn=0 hint_alias="DD"@"SEL$14"  
fro(1): flg=0 objn=5936 hint_alias="D"@"SEL$15"  
kkoatAllocQbCtx(exit)  
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B5C0  
kkoatSetupQbCtx(exit): passNum=0 qbcDone=no atDone=no  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0  
joP=0x00000000216F4028  
kkoatSaveJoinOrder(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0  
joP=0x00000000217F5648  
kkoatSaveJoinOrder(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8  
joP=0x00000000216F4028  
kkoatSaveJoinOrder(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8  
joP=0x00000000216F4028  
kkoatSaveJoinOrder(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88  
joP=0x00000000216F4028  
kkoatSaveJoinOrder(exit)  
kkoatAllocQbCtx(enter): atCtxP=0x00000000183EC810,  
qbcP=0x0000000021647AF8 qbcname=SEL$13  
kestsacAddQbCtx(enter): qbName=SEL$13  
kestsacAddQbCtx(exit): qbCtx=0000000012F196E0  
signature (initial): qb_name=SEL$13 nbfros=1 flg=0  
fro(0): flg=1 objn=9306 hint_alias="DJD"@"SEL$13"  
kkoatAllocQbCtx(exit)  
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F196E0  
kkoatSetupQbCtx(exit): passNum=0 qbcDone=no atDone=no  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0  
joP=0x00000000216F4028  
kkoatSaveJoinOrder(exit)  
kkoatAllocQbCtx(enter): atCtxP=0x00000000183EC810,  
qbcP=0x0000000021634898 qbcname=SEL$20EAEDCE  
kestsacAddQbCtx(enter): qbName=SEL$20EAEDCE  
kestsacAddQbCtx(exit): qbCtx=0000000012F19810  
signature (initial): qb_name=SEL$20EAEDCE nbfros=6 flg=0  
fro(0): flg=0 objn=18 hint_alias="CO"@"SEL$12"  
fro(1): flg=0 objn=5923 hint_alias="J"@"SEL$12"  
fro(2): flg=0 objn=18 hint_alias="JO"@"SEL$12"
```

```
fro(3): flg=0 objn=22 hint_alias="JU"@SEL$12"
fro(4): flg=0 objn=4294951038 hint_alias="DI"@SEL$30"
fro(5): flg=0 objn=4294951840 hint_alias="DI2"@SEL$30"
kkoatAllocQbCtx(exit)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F19810
kkoatSetupQbCtx(exit): passNum=0 qbcDone=no atDone=no
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x000000002180C058
kkoatSaveJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x0000000023094028
kkoatSaveJoinOrder(exit)
kkoatAllocQbCtx(enter): atCtxP=0x00000000183EC810,
qbcP=0x000000002163E350 qbcname=SEL$31
kestsacAddQbCtx(enter): qbName=SEL$31
kestsacAddQbCtx(exit): qbCtx=0000000012F19C00
signature (initial): qb_name=SEL$31 nbfros=5 flg=0
fro(0): flg=0 objn=5936 hint_alias="L"@SEL$31"
fro(1): flg=0 objn=18 hint_alias="LCO"@SEL$31"
fro(2): flg=0 objn=5933 hint_alias="LO"@SEL$31"
fro(3): flg=0 objn=22 hint_alias="LU"@SEL$31"
fro(4): flg=0 objn=18 hint_alias="PO"@SEL$31"
kkoatAllocQbCtx(exit)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F19C00
kkoatSetupQbCtx(exit): passNum=0 qbcDone=no atDone=no
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x000000002180C058
kkoatSaveJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x00000000231B8040
kkoatSaveJoinOrder(exit)
kkoatAllocQbCtx(enter): atCtxP=0x00000000183EC810,
qbcP=0x0000000021677488 qbcname=SEL$5
kestsacAddQbCtx(enter): qbName=SEL$5
kestsacAddQbCtx(exit): qbCtx=0000000012F19F58
signature (initial): qb_name=SEL$5 nbfros=2 flg=0
fro(0): flg=0 objn=5791 hint_alias="A"@SEL$5"
fro(1): flg=0 objn=5800 hint_alias="E"@SEL$5"
kkoatAllocQbCtx(exit)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F19F58
kkoatSetupQbCtx(exit): passNum=0 qbcDone=no atDone=no
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19F58
joP=0x000000002180C058
kkoatSaveJoinOrder(exit)
kkoatAllocQbCtx(enter): atCtxP=0x00000000183EC810,
qbcP=0x0000000021629D30 qbcname=SEL$E2A84955
kestsacAddQbCtx(enter): qbName=SEL$E2A84955
kestsacAddQbCtx(exit): qbCtx=0000000012F1A110
signature (initial): qb_name=SEL$E2A84955 nbfros=6 flg=0
fro(0): flg=1 objn=0 hint_alias="JL"@SEL$1"
fro(1): flg=0 objn=5798 hint_alias="A"@SEL$11"
fro(2): flg=1 objn=9312 hint_alias="J"@SEL$2"
fro(3): flg=1 objn=9174 hint_alias="T"@SEL$4"
fro(4): flg=0 objn=5798 hint_alias="A"@SEL$7"
```

```
fro(5): flg=0 objn=5798 hint_alias="A"@SEL$9"
kkoatAllocQbCtx(exit)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A110
kkoatSetupQbCtx(exit): passNum=0 qbcDone=no atDone=no
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A110
joP=0x000000002180C058
kkoatSaveJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A110
joP=0x00000000231C3F58
kkoatSaveJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A110
joP=0x00000000231C3F58
kkoatSaveJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000271EC058
kkoatSaveJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x00000000271EC058
kkoatSaveJoinOrder(exit)
kkoatAllocQbCtx(enter): atCtxP=0x00000000183EC810,
qbcP=0x00000000231838C8 qbcname=SEL$583C4D64
kestsacAddQbCtx(enter): qbName=SEL$583C4D64
kestsacAddQbCtx(exit): qbCtx=0000000012F1A500
signature (initial): qb_name=SEL$583C4D64 nbfros=6 flg=0
fro(0): flg=0 objn=18 hint_alias="CO"@SEL$12"
fro(1): flg=0 objn=5923 hint_alias="J"@SEL$12"
fro(2): flg=0 objn=18 hint_alias="JO"@SEL$12"
fro(3): flg=0 objn=22 hint_alias="JU"@SEL$12"
fro(4): flg=0 objn=4294951038 hint_alias="DI"@SEL$30"
fro(5): flg=0 objn=4294951840 hint_alias="DI2"@SEL$30"
kkoatAllocQbCtx(exit)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A500
kkoatSetupQbCtx(exit): passNum=0 qbcDone=no atDone=no
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x00000000271EC058
kkoatSaveJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027278040
kkoatSaveJoinOrder(exit)
kkoatAllocQbCtx(enter): atCtxP=0x00000000183EC810,
qbcP=0x00000000231A3CB8 qbcname=SEL$CBADD118
kestsacAddQbCtx(enter): qbName=SEL$CBADD118
kestsacAddQbCtx(exit): qbCtx=0000000012F18840
signature (initial): qb_name=SEL$CBADD118 nbfros=5 flg=0
fro(0): flg=0 objn=5936 hint_alias="L"@SEL$31"
fro(1): flg=0 objn=18 hint_alias="LCO"@SEL$31"
fro(2): flg=0 objn=5933 hint_alias="LO"@SEL$31"
fro(3): flg=0 objn=22 hint_alias="LU"@SEL$31"
fro(4): flg=0 objn=18 hint_alias="PO"@SEL$31"
kkoatAllocQbCtx(exit)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F18840
kkoatSetupQbCtx(exit): passNum=0 qbcDone=no atDone=no
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027197A18
```

```
kkoatSaveJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000272AC058
  kkoatSaveJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19F58
joP=0x0000000027197A18
  kkoatSaveJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A110
joP=0x0000000027197A18
  kkoatSaveJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000273C8040
  kkoatSaveJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x00000000273D7388
  kkoatSaveJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x00000000273D2168
  kkoatSaveJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x00000000273EC058
  kkoatSaveJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x00000000273E6EB0
  kkoatSaveJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x00000000273E6EB0
  kkoatSaveJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027468040
  kkoatSaveJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027483FC0
  kkoatSaveJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027474028
  kkoatSaveJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A110
joP=0x000000002755C058
  kkoatSaveJoinOrder(exit)
  kkoatInitCtx(enter): ctxP=0x000007FF0D1B6078 roundNum=0
  kkoatTimeSlice: #candTabs=46 slice=3260
  kkoatInitCtx(exit): timeSlice=3260
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000002762C058
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x0000000016ECD6C8
  kkoatStatsCollectTab(enter): froP=0x0000000016EB67C8
kestsacAddTableObjCtx(enter): froP=0000000016EB67C8
kestsacAddGObjCtx(enter): objn=18, typ=TABLE, bown=SYS, bnam=OBJ$
kestsacAddGObjCtx(exit): gobj=0000000012F17508
kestsacAddLObjCtx(enter): gobj=0000000012F17508, own=SYS, nam=OBJ$
kestsacAddLObjCtx(exit): lobj=0000000012F17580
kestsacAddTableObjCtx(exit): lobj=0000000012F17580
```

```
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EB67C8
kkoatLookupTabStats results: statState=OKAY nbRows= nbBlocks= for
kkoatTabStatsCollectAll(enter): qbcP=0x0000000016ECD6C8
froP=0x0000000016EB67C8 mt=3 mc=0 mi=0
  gobj=(@=0000000012F17508, nxt=0000000000000012, objn=317831000
typ=TABLE, bown=SYS, bnam=OBJ$
  stat=INVALID blks=930 rows=76994, flg=)
kkoatTabStatsCollectAll(exit): VSstatus=1
cardinalities verified: rows=75222 vfyRows=76993.5
#blocks verified: blocks=930 vfyBlocks=930
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016EB6AC8
kestsacAddTableObjCtx(enter): froP=0000000016EB6AC8
kestsacAddGObjCtx(enter): objn=5959, typ=TABLE, bown=SYS,
bnam=SCHEDULER$_EVENT_LOG
kestsacAddGObjCtx(exit): gobj=0000000012F175F8
kestsacAddLObjCtx(enter): gobj=0000000012F175F8, own=SYS,
nam=SCHEDULER$_EVENT_LOG
kestsacAddLObjCtx(exit): lobj=0000000012F17680
kestsacAddTableObjCtx(exit): lobj=0000000012F17680
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17680 froP=0x0000000016EB6AC8
kkoatLookupTabStats results: statState=STALE nbRows= nbBlocks= for
kkoatTabStatsCollectAll(enter): qbcP=0x0000000016ECD6C8
froP=0x0000000016EB6AC8 mt=3 mc=0 mi=0
  gobj=(@=0000000012F175F8, nxt=0000000000001747, objn=317814024
typ=TABLE, bown=SYS, bnam=SCHEDULER$_EVENT_LOG
  stat=INVALID blks=13 rows=194, flg=)
kkoatTabStatsCollectAll(exit): VSstatus=1
cardinalities verified: rows=235 vfyRows=194
#blocks verified: blocks=13 vfyBlocks=13
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
  kkoatStatsCollect(enter): qbcP=0x0000000016ECE628
  kkoatStatsCollectTab(enter): froP=0x0000000016EC54F8
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EC54F8
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016EC57F8
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17680 froP=0x0000000016EC57F8
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E551DA8
  kkoatStatsCollectTab: skip fro=000000001E551DA8
  kkoatStatsCollect(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AE78
jop=0x000000002762C058
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E52E9C8
```

```
kkoatStatsCollectTab(enter): froP=0x000000001E52E640
kestsacAddTableObjCtx(enter): froP=000000001E52E640
kestsacAddGObjCtx(enter): objn=5969, typ=TABLE, bown=SYS,
bnam=SCHEDULER$_WINGRP_MEMBER
kestsacAddGObjCtx(exit): gobj=0000000012F176F8
kestsacAddLObjCtx(enter): gobj=0000000012F176F8, own=SYS,
nam=SCHEDULER$_WINGRP_MEMBER
kestsacAddLObjCtx(exit): lobj=0000000012F17780
kestsacAddTableObjCtx(exit): lobj=0000000012F17780
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17780 froP=0x000000001E52E640
kkoatLookupTabStats results: statState=OKAY nbRows= nbBlocks= for
kkoatTabStatsCollectAll(enter): qbcP=0x000000001E52E9C8
froP=0x000000001E52E640 mt=3 mc=0 mi=0
gobj=(@=0000000012F176F8, nxt=0000000000001751, objn=317814264
typ=TABLE, bown=SYS, bnam=SCHEDULER$_WINGRP_MEMBER
stat=INVALID blks=1 rows=28, flg=)
kkoatTabStatsCollectAll(exit): VSstatus=1
cardinalities verified: rows=28 vfyRows=28
#blocks verified: blocks=1 vfyBlocks=1
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x000000002762C058
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E51B098
kkoatStatsCollectTab(enter): froP=0x000000001E52FDE0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E52FDE0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E5101A8
kestsacAddTableObjCtx(enter): froP=000000001E5101A8
kestsacAddGObjCtx(enter): objn=22, typ=TABLE, bown=SYS, bnam=USER$
kestsacAddGObjCtx(exit): gobj=0000000012F177F8
kestsacAddLObjCtx(enter): gobj=0000000012F177F8, own=SYS, nam=USER$
kestsacAddLObjCtx(exit): lobj=0000000012F17870
kestsacAddTableObjCtx(exit): lobj=0000000012F17870
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E5101A8
kkoatLookupTabStats results: statState=OKAY nbRows= nbBlocks= for
kkoatTabStatsCollectAll(enter): qbcP=0x000000001E51B098
froP=0x000000001E5101A8 mt=3 mc=0 mi=0
gobj=(@=0000000012F177F8, nxt=0000000000000016, objn=317814520
typ=TABLE, bown=SYS, bnam=USER$
stat=INVALID blks=5 rows=97, flg=)
kkoatTabStatsCollectAll(exit): VSstatus=1
cardinalities verified: rows=97 vfyRows=97
#blocks verified: blocks=5 vfyBlocks=5
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E5104A0
kestsacAddTableObjCtx(enter): froP=000000001E5104A0
```



```
kestsacAddGObjCtx(enter): objn=5923, typ=TABLE, bown=SYS,
bnam=SCHEDULER$_JOB
kestsacAddGObjCtx(exit): gobj=0000000012F178E8
kestsacAddLObjCtx(enter): gobj=0000000012F178E8, own=SYS,
nam=SCHEDULER$_JOB
kestsacAddLObjCtx(exit): lobj=0000000012F17968
kestsacAddTableObjCtx(exit): lobj=0000000012F17968
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17968 froP=0x000000001E5104A0
kkoatLookupTabStats results: statState=STALE nbRows= nbBlocks= for
kkoatTabStatsCollectAll(enter): qbcP=0x000000001E51B098
froP=0x000000001E5104A0 mt=3 mc=0 mi=0
  gobj=(@=0000000012F178E8, nxt=0000000000001723, objn=317814776
typ=TABLE, bown=SYS, bnam=SCHEDULER$_JOB
  stat=INVALID blks=7 rows=25, flg=)
  kkoatTabStatsCollectAll(exit): VSstatus=1
cardinalities verified: rows=25 vfyRows=25
#blocks verified: blocks=7 vfyBlocks=7
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x000000001E514860
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E514860
    kkoatTabStatsVerify(exit): statState=OKAY
    kkoatStatsCollectTab(exit)
      kkoatStatsCollectTab(enter): froP=0x000000001E514D00
      kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E514D00
      kkoatTabStatsVerify(exit): statState=OKAY
      kkoatStatsCollectTab(exit)
        kkoatStatsCollectTab(enter): froP=0x000000001E514FF0
        kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E514FF0
        kkoatTabStatsVerify(exit): statState=OKAY
        kkoatStatsCollectTab(exit)
          kkoatStatsCollectTab(enter): froP=0x000000001E5152E0
          kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E5152E0
          kkoatTabStatsVerify(exit): statState=OKAY
          kkoatStatsCollectTab(exit)
            kkoatStatsCollectTab(enter): froP=0x000000001E5158E0
            kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E5158E0
            kkoatTabStatsVerify(exit): statState=OKAY
            kkoatStatsCollectTab(exit)
              kkoatStatsCollectTab(enter): froP=0x000000001E515D98
              kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17780 froP=0x000000001E515D98
              kkoatTabStatsVerify(exit): statState=OKAY
              kkoatStatsCollectTab(exit)
                kkoatStatsCollectTab(enter): froP=0x000000001E516098
kestsacAddTableObjCtx(enter): froP=000000001E516098
kestsacAddGObjCtx(enter): objn=5967, typ=TABLE, bown=SYS,
bnam=SCHEDULER$_WINDOW_GROUP
```

```
kestsacAddGObjCtx(exit): gobj=0000000012F179E0
kestsacAddLObjCtx(enter): gobj=0000000012F179E0, own=SYS,
nam=SCHEDULER$_WINDOW_GROUP
kestsacAddLObjCtx(exit): lobj=0000000012F17A68
kestsacAddTableObjCtx(exit): lobj=0000000012F17A68
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17A68 froP=0x000000001E516098
kkoatLookupTabStats results: statState=OKAY nbRows= nbBlocks= for
kkoatTabStatsCollectAll(enter): qbcP=0x000000001E51B098
froP=0x000000001E516098 mt=3 mc=0 mi=0
    gobj=(@=0000000012F179E0, nxt=000000000000174F, objn=317815016
typ=TABLE, bown=SYS, bnam=SCHEDULER$_WINDOW_GROUP
    stat=INVALID blks=1 rows=4, flg=)
    kkoatTabStatsCollectAll(exit): VSstatus=1
cardinalities verified: rows=4 vfyRows=4
#blocks verified: blocks=1 vfyBlocks=1
    kkoatTabStatsVerify(exit): statState=OKAY
    kkoatStatsCollectTab(exit)
    kkoatStatsCollect(exit)
        kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x000000002762C058
        kkoatSaveJoinOrder(exit)
        kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x000000002778A750
        kkoatSaveJoinOrder(exit)
        kkoatStatsCollect(enter): qbcP=0x000000001E4F5620
        kkoatStatsCollectTab(enter): froP=0x000000001E51B3A8
        kkoatStatsCollectTab: skip fro=000000001E51B3A8
        kkoatStatsCollectTab(enter): froP=0x000000001E51B7C0
kestsacAddTableObjCtx(enter): froP=000000001E51B7C0
kestsacAddGObjCtx(enter): objn=5936, typ=TABLE, bown=SYS,
bnam=SCHEDULER$_LIGHTWEIGHT_JOB
kestsacAddGObjCtx(exit): gobj=0000000012F17AE0
kestsacAddLObjCtx(enter): gobj=0000000012F17AE0, own=SYS,
nam=SCHEDULER$_LIGHTWEIGHT_JOB
kestsacAddLObjCtx(exit): lobj=0000000012F17B70
kestsacAddTableObjCtx(exit): lobj=0000000012F17B70
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001E51B7C0
kkoatLookupTabStats results: statState=OKAY nbRows= nbBlocks= for
kkoatTabStatsCollectAll(enter): qbcP=0x000000001E4F5620
froP=0x000000001E51B7C0 mt=3 mc=0 mi=0
    gobj=(@=0000000012F17AE0, nxt=0000000000001730, objn=317815264
typ=TABLE, bown=SYS, bnam=SCHEDULER$_LIGHTWEIGHT_JOB
    stat=INVALID blks=0 rows=0, flg=)
    kkoatTabStatsCollectAll(exit): VSstatus=1
cardinalities verified: rows=0 vfyRows=0
#blocks verified: blocks=0 vfyBlocks=0
    kkoatTabStatsVerify(exit): statState=OKAY
    kkoatStatsCollectTab(exit)
    kkoatStatsCollect(exit)
        kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x000000002762C058
        kkoatSaveJoinOrder(exit)
```

kkoatStatsCollect(enter): qbcP=0x000000001E578938  
kkoatStatsCollectTab(enter): froP=0x000000001E5A08E8  
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810  
lobjCtxP=0x0000000012F17580 froP=0x000000001E5A08E8  
kkoatTabStatsVerify(exit): statState=OKAY  
kkoatStatsCollectTab(exit)  
kkoatStatsCollectTab(enter): froP=0x000000001E5A0C00  
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810  
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E5A0C00  
kkoatTabStatsVerify(exit): statState=OKAY  
kkoatStatsCollectTab(exit)  
kkoatStatsCollectTab(enter): froP=0x000000001E5A0EF0  
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810  
lobjCtxP=0x0000000012F17580 froP=0x000000001E5A0EF0  
kkoatTabStatsVerify(exit): statState=OKAY  
kkoatStatsCollectTab(exit)  
kkoatStatsCollectTab(enter): froP=0x000000001E5A11E0  
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810  
lobjCtxP=0x0000000012F17870 froP=0x000000001E5A11E0  
kkoatTabStatsVerify(exit): statState=OKAY  
kkoatStatsCollectTab(exit)  
kkoatStatsCollect(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C558  
joP=0x000000002762C058  
kkoatSaveJoinOrder(exit)  
kkoatStatsCollect(enter): qbcP=0x000000001E5777D8  
kkoatStatsCollectTab(enter): froP=0x000000001E5F1AD0  
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810  
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E5F1AD0  
kkoatTabStatsVerify(exit): statState=OKAY  
kkoatStatsCollectTab(exit)  
kkoatStatsCollectTab(enter): froP=0x000000001E5F1D80  
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810  
lobjCtxP=0x0000000012F17580 froP=0x000000001E5F1D80  
kkoatTabStatsVerify(exit): statState=OKAY  
kkoatStatsCollectTab(exit)  
kkoatStatsCollect(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8  
joP=0x000000002762C058  
kkoatSaveJoinOrder(exit)  
kkoatStatsCollect(enter): qbcP=0x000000001E57B120  
kkoatStatsCollectTab(enter): froP=0x000000001E57A858  
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810  
lobjCtxP=0x0000000012F17580 froP=0x000000001E57A858  
kkoatTabStatsVerify(exit): statState=OKAY  
kkoatStatsCollectTab(exit)  
kkoatStatsCollect(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8  
joP=0x000000002762C058  
kkoatSaveJoinOrder(exit)  
kkoatStatsCollect(enter): qbcP=0x000000001E57A478  
kkoatStatsCollectTab(enter): froP=0x000000001E579A88  
kestsacAddTableObjCtx(enter): froP=000000001E579A88

```
kestsacAddGObjCtx(enter): objn=5933, typ=TABLE, bown=SYS,
bnam=SCHEDULER$_LWJOB_OBJ
kestsacAddGObjCtx(exit): gobj=0000000012F17BE8
kestsacAddLObjCtx(enter): gobj=0000000012F17BE8, own=SYS,
nam=SCHEDULER$_LWJOB_OBJ
kestsacAddLObjCtx(exit): lobj=0000000012F17C70
kestsacAddTableObjCtx(exit): lobj=0000000012F17C70
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17C70 froP=0x000000001E579A88
kkoatLookupTabStats results: statState=OKAY nbRows= nbBlocks= for
kkoatTabStatsCollectAll(enter): qbcP=0x000000001E57A478
froP=0x000000001E579A88 mt=3 mc=0 mi=0
    gobj=(@=0000000012F17BE8, nxt=000000000000172D, objn=317815520
typ=TABLE, bown=SYS, bnam=SCHEDULER$_LWJOB_OBJ
    stat=INVALID blks=0 rows=0, flg=)
    kkoatTabStatsCollectAll(exit): VSstatus=1
cardinalities verified: rows=0 vfyRows=0
#blocks verified: blocks=0 vfyBlocks=0
    kkoatTabStatsVerify(exit): statState=OKAY
    kkoatStatsCollectTab(exit)
    kkoatStatsCollect(exit)
        kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BB28
joP=0x000000002762C058
    kkoatSaveJoinOrder(exit)
        kkoatStatsCollect(enter): qbcP=0x000000001E527388
        kkoatStatsCollectTab(enter): froP=0x000000001E523B80
        kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17968 froP=0x000000001E523B80
        kkoatTabStatsVerify(exit): statState=OKAY
        kkoatStatsCollectTab(exit)
        kkoatStatsCollect(exit)
            kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x000000002762C058
        kkoatSaveJoinOrder(exit)
            kkoatStatsCollect(enter): qbcP=0x000000001E523748
            kkoatStatsCollectTab(enter): froP=0x000000001E57BDC8
            kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001E57BDC8
            kkoatTabStatsVerify(exit): statState=OKAY
            kkoatStatsCollectTab(exit)
            kkoatStatsCollect(exit)
                kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000002762C058
            kkoatSaveJoinOrder(exit)
                kkoatStatsCollect(enter): qbcP=0x000000001E52CBC8
                kkoatStatsCollectTab(enter): froP=0x000000001E578C48
                kkoatStatsCollectTab: skip fro=000000001E578C48
                kkoatStatsCollectTab(enter): froP=0x000000001E5790F8
                kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E5790F8
                kkoatTabStatsVerify(exit): statState=OKAY
                kkoatStatsCollectTab(exit)
                    kkoatStatsCollectTab(enter): froP=0x000000001E57B430
                    kkoatStatsCollectTab: skip fro=000000001E57B430
```

```
kkoatStatsCollectTab(enter): froP=0x000000001E527698
kkoatStatsCollectTab: skip fro=000000001E527698
kkoatStatsCollect(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x000000002762C058
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x0000000016F03600
kkoatStatsCollectTab(enter): froP=0x0000000016F03218
kkoatStatsCollectTab: skip fro=0000000016F03218
kkoatStatsCollect(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x000000002762C058
kkoatSaveJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x0000000027978040
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x0000000016EB1F08
kkoatStatsCollectTab(enter): froP=0x000000001E4FF8A8
kkoatStatsCollectTab: skip fro=000000001E4FF8A8
kkoatStatsCollectTab(enter): froP=0x000000001E4FFB70
kkoatStatsCollectTab: skip fro=000000001E4FFB70
kkoatStatsCollectTab(enter): froP=0x0000000016EFEA70
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17968 froP=0x0000000016EFEA70
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016EFED60
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EFED60
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016EFF248
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x0000000016EFF248
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016EFF538
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EFF538
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x000000002762C058
kkoatSaveJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x0000000027A84028
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x0000000016EFD3E0
kkoatStatsCollectTab(enter): froP=0x000000001CFE7870
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001CFE7870
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
```

```
kkoatStatsCollectTab(enter): froP=0x000000001CFE7B78
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001CFE7B78
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001CFE7EC8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001CFE7EC8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001CFE81B8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001CFE81B8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001CFE84B8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17C70 froP=0x000000001CFE84B8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19F58
joP=0x000000002762C058
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E5C1260
kkoatStatsCollectTab(enter): froP=0x000000001F06E408
kestsacAddTableObjCtx(enter): froP=000000001F06E408
kestsacAddGObjCtx(enter): objn=5800, typ=TABLE, bown=SYS,
bnam=WRI$ _ADV_ EXECUTIONS
kestsacAddGObjCtx(exit): gobj=0000000012F17CE8
kestsacAddLObjCtx(enter): gobj=0000000012F17CE8, own=SYS,
nam=WRI$ _ADV_ EXECUTIONS
kestsacAddLObjCtx(exit): lobj=0000000012F17D70
kestsacAddTableObjCtx(exit): lobj=0000000012F17D70
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17D70 froP=0x000000001F06E408
kkoatLookupTabStats results: statState=STALE nbRows= nbBlocks= for
kkoatTabStatsCollectAll(enter): qbcP=0x000000001E5C1260
froP=0x000000001F06E408 mt=3 mc=0 mi=0
gobj=(@=0000000012F17CE8, nxt=00000000000016A8, objn=317815784
typ=TABLE, bown=SYS, bnam=WRI$ _ADV_ EXECUTIONS
stat=INVALID blks=5 rows=26, flg=)
kkoatTabStatsCollectAll(exit): VSstatus=1
cardinalities verified: rows=71 vfyRows=26
kkoatTabStatsVerify(exit): statState=STALE
kestsacAddColCtx(enter): lobj=0000000012F17D70, colId=8
kestsacAddColCtx(exit): colCtx=0000000012F17DE8
kestsacAddColCtx(enter): lobj=0000000012F17D70, colId=10
kestsacAddColCtx(exit): colCtx=0000000012F17E78
kestsacAddColCtx(enter): lobj=0000000012F17D70, colId=11
kestsacAddColCtx(exit): colCtx=0000000012F17F00
kestsacAddColCtx(enter): lobj=0000000012F17D70, colId=2
kestsacAddColCtx(exit): colCtx=0000000012F17F88
kestsacAddColCtx(enter): lobj=0000000012F17D70, colId=7
```









```
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001E5C2C40
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E56F6F0
kkoatStatsCollectTab: skip fro=000000001E56F6F0
kkoatStatsCollect(exit)

*** 2013-01-09 23:53:34.782
kesqsMakeSelfBinds(value): pos=1 bind=0x0000000027BE4D20 dty=1
data=0x000000002146A390 len=1
kesqsMakeSelfBinds(value): pos=2 bind=0x0000000027BE4CB8 dty=1
data=0x000000002146A3B0 len=1
kesqsMakeSelfBinds(value): pos=3 bind=0x0000000027BE4C50 dty=2
data=0x000000002146A3D0 len=2
kesqsMakeSelfBinds(value): pos=4 bind=0x0000000027BE4BE8 dty=2
data=0x000000002146A3E8 len=2
kesqsMakeSelfBinds(value): pos=5 bind=0x0000000027BE4B70 dty=2
data=0x000000002146A400 len=6
kkoatStatsCollectTab(enter): froP=0x000000001F12C360
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001F12C360
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001F117780
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001F117780
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatInitCtx(enter): ctxP=0x000007FF0D1B6078 roundNum=0
kkoatTimeSlice: #candTabs=46 slice=3260
kkoatInitCtx(exit): timeSlice=3260
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
jopP=0x0000000022FCC058
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x0000000027203978
kkoatStatsCollectTab(enter): froP=0x000000001E622748
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E622748
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E622AA0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17680 froP=0x000000001E622AA0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatStatsCollect(enter): qbcP=0x00000000231B27C8
kkoatStatsCollectTab(enter): froP=0x0000000016EB86E0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EB86E0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016EB89E0
```

kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810  
lobjCtxP=0x0000000012F17680 froP=0x0000000016EB89E0  
kkoatTabStatsVerify(exit): statState=OKAY  
kkoatStatsCollectTab(exit)  
kkoatStatsCollectTab(enter): froP=0x000000002170D598  
kkoatStatsCollectTab: skip fro=000000002170D598  
kkoatStatsCollect(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AE78  
joP=0x0000000022FCC058  
kkoatSaveJoinOrder(exit)  
kkoatStatsCollect(enter): qbcP=0x000000001F125788  
kkoatStatsCollectTab(enter): froP=0x000000001F125400  
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810  
lobjCtxP=0x0000000012F17780 froP=0x000000001F125400  
kkoatTabStatsVerify(exit): statState=OKAY  
kkoatStatsCollectTab(exit)  
kkoatStatsCollect(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AFA8  
joP=0x0000000022FCC058  
kkoatSaveJoinOrder(exit)  
kkoatStatsCollect(enter): qbcP=0x000000001F0F5D50  
kkoatStatsCollectTab(enter): froP=0x000000001F126C68  
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810  
lobjCtxP=0x0000000012F17580 froP=0x000000001F126C68  
kkoatTabStatsVerify(exit): statState=OKAY  
kkoatStatsCollectTab(exit)  
kkoatStatsCollectTab(enter): froP=0x000000001F126F58  
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810  
lobjCtxP=0x0000000012F17870 froP=0x000000001F126F58  
kkoatTabStatsVerify(exit): statState=OKAY  
kkoatStatsCollectTab(exit)  
kkoatStatsCollectTab(enter): froP=0x000000001F127250  
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810  
lobjCtxP=0x0000000012F17968 froP=0x000000001F127250  
kkoatTabStatsVerify(exit): statState=OKAY  
kkoatStatsCollectTab(exit)  
kkoatStatsCollectTab(enter): froP=0x000000001F12B600  
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810  
lobjCtxP=0x0000000012F17580 froP=0x000000001F12B600  
kkoatTabStatsVerify(exit): statState=OKAY  
kkoatStatsCollectTab(exit)  
kkoatStatsCollectTab(enter): froP=0x000000001F12B8F0  
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810  
lobjCtxP=0x0000000012F17870 froP=0x000000001F12B8F0  
kkoatTabStatsVerify(exit): statState=OKAY  
kkoatStatsCollectTab(exit)  
kkoatStatsCollectTab(enter): froP=0x000000001F12BBE0  
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810  
lobjCtxP=0x0000000012F17580 froP=0x000000001F12BBE0  
kkoatTabStatsVerify(exit): statState=OKAY  
kkoatStatsCollectTab(exit)  
kkoatStatsCollectTab(enter): froP=0x000000001F12C060  
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810  
lobjCtxP=0x0000000012F17870 froP=0x000000001F12C060

```
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001F12C660
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001F12C660
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001F12C960
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17780 froP=0x000000001F12C960
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001F12CC60
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17A68 froP=0x000000001F12CC60
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x0000000023031D40
kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001F0E8150
  kkoatStatsCollectTab(enter): froP=0x000000001F0F6070
kkoatStatsCollectTab: skip fro=000000001F0F6070
  kkoatStatsCollectTab(enter): froP=0x000000001F0F6488
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001F0F6488
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x0000000023031D40
kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001F19B8D0
  kkoatStatsCollectTab(enter): froP=0x000000001F1179E0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001F1179E0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001F117DD0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001F117DD0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001F1180C0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001F1180C0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001F1183B0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001F1183B0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
```

```
kkoatStatsCollect(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C558
jop=0x0000000023031D40
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001F19A770
    kkoatStatsCollectTab(enter): froP=0x000000001F14C970
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001F14C970
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x000000001F14CC60
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001F14CC60
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
jop=0x0000000023031D40
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001F19E318
    kkoatStatsCollectTab(enter): froP=0x000000001F19D888
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001F19D888
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
jop=0x0000000023031D40
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001F19D4A8
    kkoatStatsCollectTab(enter): froP=0x000000001F19CAC0
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17C70 froP=0x000000001F19CAC0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BB28
jop=0x0000000023031D40
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001F10A290
    kkoatStatsCollectTab(enter): froP=0x000000001F175718
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17968 froP=0x000000001F175718
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BC58
jop=0x0000000023031D40
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001F175330
    kkoatStatsCollectTab(enter): froP=0x000000001F19F010
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001F19F010
  kkoatTabStatsVerify(exit): statState=OKAY
```

```
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
jop=0x0000000023031D40
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001F10FB28
    kkoatStatsCollectTab(enter): froP=0x000000001F19BBE0
  kkoatStatsCollectTab: skip fro=000000001F19BBE0
    kkoatStatsCollectTab(enter): froP=0x000000001F19C130
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001F19C130
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x000000001F19E628
  kkoatStatsCollectTab: skip fro=000000001F19E628
    kkoatStatsCollectTab(enter): froP=0x000000001F10A5A0
  kkoatStatsCollectTab: skip fro=000000001F10A5A0
  kkoatStatsCollect(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
jop=0x0000000023031D40
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x0000000021685B58
    kkoatStatsCollectTab(enter): froP=0x00000000216857A0
  kkoatStatsCollectTab: skip fro=00000000216857A0
  kkoatStatsCollect(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19810
jop=0x0000000023031D40
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001F07D470
    kkoatStatsCollectTab(enter): froP=0x000000001E502498
  kkoatStatsCollectTab: skip fro=000000001E502498
    kkoatStatsCollectTab(enter): froP=0x000000001E502788
  kkoatStatsCollectTab: skip fro=000000001E502788
    kkoatStatsCollectTab(enter): froP=0x0000000027377300
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17968 froP=0x0000000027377300
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x00000000273775F0
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x00000000273775F0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x00000000273778E0
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x00000000273778E0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x0000000027377BD0
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000027377BD0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
```

```
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19C00
jop=0x0000000023031D40
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x0000000027375A50
    kkoatStatsCollectTab(enter): froP=0x000000001E50A460
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E50A460
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x000000001E50A768
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001E50A768
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x000000001E50AA58
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E50AA58
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x000000001E50AD48
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E50AD48
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x000000001E50B0B8
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17C70 froP=0x000000001E50B0B8
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19F58
jop=0x0000000023031D40
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000002153C4D0
    kkoatStatsCollectTab(enter): froP=0x0000000021539618
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17D70 froP=0x0000000021539618
  kkoatTabStatsVerify(exit): statState=STALE
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x0000000021539910
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F181A8 froP=0x0000000021539910
  kkoatTabStatsVerify(exit): statState=STALE
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A110
jop=0x0000000023031D40
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x0000000027530330
    kkoatStatsCollectTab(enter): froP=0x00000000231B2A98
kkoatStatsCollectTab: skip fro=00000000231B2A98
    kkoatStatsCollectTab(enter): froP=0x00000000231B3648
kkoatStatsCollectTab: skip fro=00000000231B3648
    kkoatStatsCollectTab(enter): froP=0x0000000021525D28
```

```
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x0000000021525D28
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000002153FDE0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000002153FDE0
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000002153DCE0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000002153DCE0
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000021669D18
kkoatStatsCollectTab: skip fro=0000000021669D18
kkoatStatsCollect(exit)
captured plan, type=original phv=1499986165 cost=245.155131
kestsInitialRoundPostCompCbk(enter)
Outline data being used hint num 185 len 27 text:
IGNORE_OPTIM_EMBEDDED_HINTS
Backup outline data hint num 186 len 27 text: IGNORE_OPTIM_EMBEDDED_HINTS
kestsNewHintFinding(): enter, hint=IGNORE_OPTIM_EMBEDDED_HINTS
kestsDumpFinding(): dump finding structure
find=(@=0x0000000016E8F1C0, typ=HINT, sz=272, plid=0,
nxt=0x0000000000000000)
kestsDumpMsg(): dump message
msg=(@=0x0000000016E8F228, fac=SMG, cod=1010)
hint(@=0x0000000016E8F2D0, txt=IGNORE_OPTIM_EMBEDDED_HINTS)
kestsNewHintFinding(): exit
kestsInitialRoundPostCompCbk(exit): oct=3, cbo=1, stb=NONE, cat=
kestsNewHintFinding(): enter,
hint=OPTIMIZER_FEATURES_ENABLE(default)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000016E8F300, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8F1C0)
kestsDumpMsg(): dump message
msg=(@=0x0000000016E8F368, fac=SMG, cod=1002)
hint(@=0x0000000016E8F410, txt=OPTIMIZER_FEATURES_ENABLE(default))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=ALL_ROWS
kestsDumpFinding(): dump finding structure
find=(@=0x0000000016E8F448, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8F300)
kestsDumpMsg(): dump message
msg=(@=0x0000000016E8F4B0, fac=SMG, cod=1005, p1=ALL_ROWS, p2=rule)
hint(@=0x0000000016E8F558, txt=ALL_ROWS)
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter,
hint=TABLE_STATS("SYS"."WRI$ADV_PARAMETERS", scale, blocks=35 rows=557)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000016E8F580, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8F448)
kestsDumpMsg(): dump message
```



```
msg=(@=0x0000000016E8F5E8, fac=SMG, cod=1030)
hint(@=0x0000000016E8F690,
txt=TABLE_STATS("SYS"."WRI$ADV_PARAMETERS", scale, blocks=35 rows=557))
    kestsNewHintFinding(): exit
    kestsNewHintFinding(): enter,
hint=COLUMN_STATS("SYS"."WRI$ADV_PARAMETERS", "NAME", scale, length=15
distinct=63 nulls=0 min=338863546986674960000000000000000000000000000000000
max=494978440874693040000000000000000000000000000000000)
    kestsDumpFinding(): dump finding structure
    find=(@=0x0000000016E8F6E8, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8F580)
    kestsDumpMsg(): dump message
    msg=(@=0x0000000016E8F750, fac=SMG, cod=1032)
    hint(@=0x0000000016E8F7F8,
txt=COLUMN_STATS("SYS"."WRI$ADV_PARAMETERS", "NAME", scale, length=15
distinct=63 nulls=0 min=338863546986674960000000000000000000000000000000000
max=494978440874693040000000000000000000000000000000000))
    kestsNewHintFinding(): exit
    kestsNewHintFinding(): enter,
hint=COLUMN_STATS("SYS"."WRI$ADV_PARAMETERS", "VALUE", scale, length=6
distinct=31 nulls=0)
    kestsDumpFinding(): dump finding structure
    find=(@=0x0000000016E8F8B8, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8F6E8)
    kestsDumpMsg(): dump message
    msg=(@=0x0000000016E8F920, fac=SMG, cod=1032)
    hint(@=0x0000000016E8F9C8,
txt=COLUMN_STATS("SYS"."WRI$ADV_PARAMETERS", "VALUE", scale, length=6
distinct=31 nulls=0))
    kestsNewHintFinding(): exit
    kestsNewHintFinding(): enter,
hint=COLUMN_STATS("SYS"."WRI$ADV_PARAMETERS", "TASK_ID", scale, length=3
distinct=11 nulls=0 min=1 max=1293)
    kestsDumpFinding(): dump finding structure
    find=(@=0x0000000016E8FA30, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8F8B8)
    kestsDumpMsg(): dump message
    msg=(@=0x0000000016E8FA98, fac=SMG, cod=1032)
    hint(@=0x0000000016E8FB40,
txt=COLUMN_STATS("SYS"."WRI$ADV_PARAMETERS", "TASK_ID", scale, length=3
distinct=11 nulls=0 min=1 max=1293))
    kestsNewHintFinding(): exit
    kestsNewHintFinding(): enter,
hint=TABLE_STATS("SYS"."WRI$ADV_TASKS", scale, blocks=5 rows=11)
    kestsDumpFinding(): dump finding structure
    find=(@=0x0000000016E8FBB8, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8FA30)
    kestsDumpMsg(): dump message
    msg=(@=0x0000000016E8FC20, fac=SMG, cod=1030)
    hint(@=0x0000000016E8FCC8, txt=TABLE_STATS("SYS"."WRI$ADV_TASKS",
scale, blocks=5 rows=11))
    kestsNewHintFinding(): exit
```

```
    kestsNewHintFinding(): enter,
hint=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS", "PROPERTY", scale, length=2
distinct=2 nulls=0 min=4 max=52)
    kestsDumpFinding(): dump finding structure
    find=(@=0x0000000016E8FD18, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8FBB8)
    kestsDumpMsg(): dump message
    msg=(@=0x0000000016E8FD80, fac=SMG, cod=1032)
    hint(@=0x0000000016E8FE28, txt=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS",
"PROPERTY", scale, length=2 distinct=2 nulls=0 min=4 max=52))
    kestsNewHintFinding(): exit
    kestsNewHintFinding(): enter,
hint=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS", "LAST_EXEC_NAME", scale,
length=8 distinct=10 nulls=1 min=360058822877813980000000000000000000
max=360058822877851980000000000000000000)
    kestsDumpFinding(): dump finding structure
    find=(@=0x0000000016E8FEA0, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8FD18)
    kestsDumpMsg(): dump message
    msg=(@=0x0000000016E8FF08, fac=SMG, cod=1032)
    hint(@=0x0000000016E8DD00, txt=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS",
"LAST_EXEC_NAME", scale, length=8 distinct=10 nulls=1
min=360058822877813980000000000000000000
max=360058822877851980000000000000000000))
    kestsNewHintFinding(): exit
    kestsNewHintFinding(): enter,
hint=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS", "ADVISOR_ID", scale, length=2
distinct=2 nulls=0 min=4 max=8)
    kestsDumpFinding(): dump finding structure
    find=(@=0x0000000016E8DDC0, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8FEA0)
    kestsDumpMsg(): dump message
    msg=(@=0x0000000016E8DE28, fac=SMG, cod=1032)
    hint(@=0x0000000016E8DED0, txt=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS",
"ADVISOR_ID", scale, length=2 distinct=2 nulls=0 min=4 max=8))
    kestsNewHintFinding(): exit
    kestsNewHintFinding(): enter,
hint=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS", "REC_COUNT", scale, length=1)
    kestsDumpFinding(): dump finding structure
    find=(@=0x0000000016E8DF48, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8DDC0)
    kestsDumpMsg(): dump message
    msg=(@=0x0000000016E8DFB0, fac=SMG, cod=1032)
    hint(@=0x0000000016E8E058, txt=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS",
"REC_COUNT", scale, length=1))
    kestsNewHintFinding(): exit
    kestsNewHintFinding(): enter,
hint=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS", "STATUS", scale, length=1)
    kestsDumpFinding(): dump finding structure
    find=(@=0x0000000016E8E0B0, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8DF48)
    kestsDumpMsg(): dump message
    msg=(@=0x0000000016E8E118, fac=SMG, cod=1032)
```

```
hint(@=0x0000000016E8E1C0, txt=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS",
"STATUS", scale, length=1))
    kestsNewHintFinding(): exit
    kestsNewHintFinding(): enter,
hint=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS", "EXEC_END", scale, length=0)
    kestsDumpFinding(): dump finding structure
    find=(@=0x0000000016E8E210, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8E0B0)
    kestsDumpMsg(): dump message
    msg=(@=0x0000000016E8E278, fac=SMG, cod=1032)
    hint(@=0x0000000016E8E320, txt=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS",
"EXEC_END", scale, length=0))
    kestsNewHintFinding(): exit
    kestsNewHintFinding(): enter,
hint=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS", "EXEC_START", scale, length=0
distinct=0)
    kestsDumpFinding(): dump finding structure
    find=(@=0x0000000016E8E378, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8E210)
    kestsDumpMsg(): dump message
    msg=(@=0x0000000016E8E3E0, fac=SMG, cod=1032)
    hint(@=0x0000000016E8E488, txt=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS",
"EXEC_START", scale, length=0 distinct=0))
    kestsNewHintFinding(): exit
    kestsNewHintFinding(): enter,
hint=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS", "CTIME", scale, length=7)
    kestsDumpFinding(): dump finding structure
    find=(@=0x0000000016E8E4E8, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8E378)
    kestsDumpMsg(): dump message
    msg=(@=0x0000000016E8E550, fac=SMG, cod=1032)
    hint(@=0x0000000016E8E5F8, txt=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS",
"CTIME", scale, length=7))
    kestsNewHintFinding(): exit
    kestsNewHintFinding(): enter,
hint=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS", "DESCRIPTION", scale, length=5)
    kestsDumpFinding(): dump finding structure
    find=(@=0x0000000016E8E648, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8E4E8)
    kestsDumpMsg(): dump message
    msg=(@=0x0000000016E8E6B0, fac=SMG, cod=1032)
    hint(@=0x0000000016E8E758, txt=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS",
"DESCRIPTION", scale, length=5))
    kestsNewHintFinding(): exit
    kestsNewHintFinding(): enter,
hint=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS", "ID", scale, length=3
distinct=11 nulls=0 min=1 max=1293)
    kestsDumpFinding(): dump finding structure
    find=(@=0x0000000016E8E7B0, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8E648)
    kestsDumpMsg(): dump message
    msg=(@=0x0000000016E8E818, fac=SMG, cod=1032)
    hint(@=0x0000000016E8E8C0, txt=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS",
"ID", scale, length=3 distinct=11 nulls=0 min=1 max=1293))
```

```
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter,
hint=COLUMN_STATS("SYS"."WRI$ADV_TASKS", "OWNER_NAME", scale, length=4
nulls=0)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000016E8E930, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8E7B0)
kestsDumpMsg(): dump message
msg=(@=0x0000000016E8E998, fac=SMG, cod=1032)
hint(@=0x0000000016E8EA40, txt=COLUMN_STATS("SYS"."WRI$ADV_TASKS",
"OWNER_NAME", scale, length=4 nulls=0))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter,
hint=COLUMN_STATS("SYS"."WRI$ADV_TASKS", "NAME", scale, length=18
nulls=0 min=432423529512213060000000000000000000000000000000000
max=437477891929106950000000000000000000000000000000000)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000016E8EAA0, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8E930)
kestsDumpMsg(): dump message
msg=(@=0x0000000016E8EB08, fac=SMG, cod=1032)
hint(@=0x0000000016E8EBB0, txt=COLUMN_STATS("SYS"."WRI$ADV_TASKS",
"NAME", scale, length=18 nulls=0 min=432423529512213060000000000000000000000000000000000)
max=437477891929106950000000000000000000000000000000000)
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter,
hint=COLUMN_STATS("SYS"."WRI$ADV_TASKS", "ADVISOR_NAME", scale,
length=23 nulls=0 min=432609545777350970000000000000000000000000000000000
max=432609545782261930000000000000000000000000000000000)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000016E8CC80, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8EAA0)
kestsDumpMsg(): dump message
msg=(@=0x0000000016E8CCE8, fac=SMG, cod=1032)
hint(@=0x0000000016E8CD90, txt=COLUMN_STATS("SYS"."WRI$ADV_TASKS",
"ADVISOR_NAME", scale, length=23 nulls=0
min=432609545777350970000000000000000000000000000000000
max=432609545782261930000000000000000000000000000000000))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter,
hint=TABLE_STATS("SYS"."WRI$ADV_EXECUTIONS", scale, blocks=5 rows=26)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000016E8CE40, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8CC80)
kestsDumpMsg(): dump message
msg=(@=0x0000000016E8CEA8, fac=SMG, cod=1030)
hint(@=0x0000000016E8CF50,
txt=TABLE_STATS("SYS"."WRI$ADV_EXECUTIONS", scale, blocks=5 rows=26))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter,
hint=COLUMN_STATS("SYS"."WRI$ADV_EXECUTIONS", "NAME", scale, length=14
distinct=12 nulls=0 min=360058822877813980000000000000000000000000000000000
max=432365458351866000000000000000000000000000000000000)
kestsDumpFinding(): dump finding structure
```



```
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter,
hint=COLUMN_STATS("SYS"."WRI$ADV_EXECUTIONS", "EXEC_START", scale,
length=7 distinct=26)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000016E8D760, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8D5F8)
kestsDumpMsg(): dump message
msg=(@=0x0000000016E8D7C8, fac=SMG, cod=1032)
hint(@=0x0000000016E8D870,
txt=COLUMN_STATS("SYS"."WRI$ADV_EXECUTIONS", "EXEC_START", scale,
length=7 distinct=26))
kestsNewHintFinding(): exit
kestsacDumpAtCtx(): dump auto-tune context
atCtx=(rnd=0, uid=0, gtm=1798, ltm=300, rtm=298, oct=3, cat=, flg=CBO)
status=(pst=SUCCESS)
kestsDumpFinding(): dump finding structure
Finding List:
HINT Finding(s)
find typ=HINT
COLUMN_STATS("SYS"."WRI$ADV_EXECUTIONS", "EXEC_START", scale,
length=7 distinct=26)
find typ=HINT
COLUMN_STATS("SYS"."WRI$ADV_EXECUTIONS", "EXEC_END", scale,
length=7)
find typ=HINT
COLUMN_STATS("SYS"."WRI$ADV_EXECUTIONS", "STATUS", scale,
length=2)
find typ=HINT
COLUMN_STATS("SYS"."WRI$ADV_EXECUTIONS", "TASK_ID", scale,
length=3 distinct=10 nulls=0 min=627 max=1293)
find typ=HINT
COLUMN_STATS("SYS"."WRI$ADV_EXECUTIONS", "ADVISOR_ID", scale,
length=2 distinct=2 nulls=0 min=4 max=8)
find typ=HINT
COLUMN_STATS("SYS"."WRI$ADV_EXECUTIONS", "NAME", scale,
length=14 distinct=12 nulls=0 min=36005882287781398000000000000000000000
max=43236545835186600000000000000000000000)
find typ=HINT
TABLE_STATS("SYS"."WRI$ADV_EXECUTIONS", scale, blocks=5 rows=26)
find typ=HINT
COLUMN_STATS("SYS"."WRI$ADV_TASKS", "ADVISOR_NAME", scale,
length=23 nulls=0 min=43260954577350970000000000000000000000
max=43260954578226193000000000000000000000)
find typ=HINT
COLUMN_STATS("SYS"."WRI$ADV_TASKS", "NAME", scale, length=18
nulls=0 min=432423529512213060000000000000000000000000000000000
max=437477891929106950000000000000000000000000000000000)
find typ=HINT
COLUMN_STATS("SYS"."WRI$ADV_TASKS", "OWNER_NAME", scale,
length=4 nulls=0)
find typ=HINT
COLUMN_STATS("SYS"."WRI$ADV_TASKS", "ID", scale, length=3
distinct=11 nulls=0 min=1 max=1293)
```

```

    find typ=HINT
    COLUMN_STATS("SYS"."WRI$ _ADV_TASKS", "DESCRIPTION", scale,
length=5)
    find typ=HINT
    COLUMN_STATS("SYS"."WRI$ _ADV_TASKS", "CTIME", scale, length=7)
    find typ=HINT
    COLUMN_STATS("SYS"."WRI$ _ADV_TASKS", "EXEC_START", scale,
length=0 distinct=0)
    find typ=HINT
    COLUMN_STATS("SYS"."WRI$ _ADV_TASKS", "EXEC_END", scale, length=0)
    find typ=HINT
    COLUMN_STATS("SYS"."WRI$ _ADV_TASKS", "STATUS", scale, length=1)
    find typ=HINT
    COLUMN_STATS("SYS"."WRI$ _ADV_TASKS", "REC_COUNT", scale, length=1)
    find typ=HINT
    COLUMN_STATS("SYS"."WRI$ _ADV_TASKS", "ADVISOR_ID", scale,
length=2 distinct=2 nulls=0 min=4 max=8)
    find typ=HINT
    COLUMN_STATS("SYS"."WRI$ _ADV_TASKS", "LAST_EXEC_NAME", scale,
length=8 distinct=10 nulls=1 min=36005882287781398000000000000000000000
max=36005882287785198000000000000000000000)
    find typ=HINT
    COLUMN_STATS("SYS"."WRI$ _ADV_TASKS", "PROPERTY", scale, length=2
distinct=2 nulls=0 min=4 max=52)
    find typ=HINT
    TABLE_STATS("SYS"."WRI$ _ADV_TASKS", scale, blocks=5 rows=11)
    find typ=HINT
    COLUMN_STATS("SYS"."WRI$ _ADV_PARAMETERS", "TASK_ID", scale,
length=3 distinct=11 nulls=0 min=1 max=1293)
    find typ=HINT
    COLUMN_STATS("SYS"."WRI$ _ADV_PARAMETERS", "VALUE", scale,
length=6 distinct=31 nulls=0)
    find typ=HINT
    COLUMN_STATS("SYS"."WRI$ _ADV_PARAMETERS", "NAME", scale,
length=15 distinct=63 nulls=0 min=33886354698667496000000000000000000000
max=49497844087469304000000000000000000000)
    find typ=HINT
    TABLE_STATS("SYS"."WRI$ _ADV_PARAMETERS", scale, blocks=35
rows=557)
    find typ=HINT
    ALL_ROWS
    find typ=HINT
    OPTIMIZER_FEATURES_ENABLE(default)
    find typ=HINT
    IGNORE_OPTIM_EMBEDDED_HINTS

```

Local Object List:

```

    lobj=(@=0000000012F16998, nxt=0000000012F181A8, own=SYS,
nam=WRI$ _ADV_PARAMETERS flg=)
    gobj=(@=0000000012F16910, nxt=62515E33000016A6,
objn=317817128 typ=TABLE, bown=SYS, bnam=WRI$ _ADV_PARAMETERS
stat=STALE blks=35 rows=557, flg=)
    Column List:
    col=(@=0000000012F16B20, nxt=0000000012F16A98, id=2,
n=1F c=1F f=0 h=1F

```







```
col=(@=0000000012F16538, nxt=0000000012F164B0, id=15,
n=3 c=3 f=0 h=3
    len=0 ndv=0)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000016E8E378, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8E210)
kestsDumpMsg(): dump message
msg=(@=0x0000000016E8E3E0, fac=SMG, cod=1032)
hint(@=0x0000000016E8E488,
txt=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS", "EXEC_START", scale, length=0
distinct=0))
col=(@=0000000012F164B0, nxt=0000000012F18450, id=8, n=1
c=1 f=0 h=1
    len=0)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000016E8E4E8, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8E378)
kestsDumpMsg(): dump message
msg=(@=0x0000000016E8E550, fac=SMG, cod=1032)
hint(@=0x0000000016E8E5F8,
txt=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS", "CTIME", scale, length=7))
col=(@=0000000012F18450, nxt=0000000012F183C8, id=5, n=1
c=1 f=0 h=1
    len=0)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000016E8E648, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8E4E8)
kestsDumpMsg(): dump message
msg=(@=0x0000000016E8E6B0, fac=SMG, cod=1032)
hint(@=0x0000000016E8E758,
txt=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS", "DESCRIPTION", scale, length=5))
col=(@=0000000012F183C8, nxt=0000000012F18338, id=1,
n=1F c=1F f=0 h=1F
    len=0 ndv=11 nnulls=0 min=1 max=1293)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000016E8E7B0, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8E648)
kestsDumpMsg(): dump message
msg=(@=0x0000000016E8E818, fac=SMG, cod=1032)
hint(@=0x0000000016E8E8C0,
txt=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS", "ID", scale, length=3
distinct=11 nnulls=0 min=1 max=1293))
col=(@=0000000012F18338, nxt=0000000012F182B0, id=3, n=5
c=5 f=0 h=5
    len=0 nnulls=0)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000016E8E930, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8E7B0)
kestsDumpMsg(): dump message
msg=(@=0x0000000016E8E998, fac=SMG, cod=1032)
hint(@=0x0000000016E8EA40,
txt=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS", "OWNER_NAME", scale, length=4
nulls=0))
```



```
kestsDumpMsg(): dump message
msg=(@=0x0000000016E8D1E0, fac=SMG, cod=1032)
hint(@=0x0000000016E8D288,
txt=COLUMN_STATS("SYS"."WRI$ _ADV_EXECUTIONS", "ADVISOR_ID", scale,
length=2 distinct=2 nulls=0 min=4 max=8))
col=(@=0000000012F17F88, nxt=0000000012F17F00, id=2,
n=1F c=1F f=0 h=1F
len=0 ndv=10 nnulls=0 min=627 max=1293)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000016E8D300, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8D178)
kestsDumpMsg(): dump message
msg=(@=0x0000000016E8D368, fac=SMG, cod=1032)
hint(@=0x0000000016E8D410,
txt=COLUMN_STATS("SYS"."WRI$ _ADV_EXECUTIONS", "TASK_ID", scale, length=3
distinct=10 nulls=0 min=627 max=1293))
col=(@=0000000012F17F00, nxt=0000000012F17E78, id=11,
n=1 c=1 f=0 h=1
len=0)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000016E8D490, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8D300)
kestsDumpMsg(): dump message
msg=(@=0x0000000016E8D4F8, fac=SMG, cod=1032)
hint(@=0x0000000016E8D5A0,
txt=COLUMN_STATS("SYS"."WRI$ _ADV_EXECUTIONS", "STATUS", scale, length=2))
col=(@=0000000012F17E78, nxt=0000000012F17DE8, id=10,
n=1 c=1 f=0 h=1
len=0)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000016E8D5F8, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8D490)
kestsDumpMsg(): dump message
msg=(@=0x0000000016E8D660, fac=SMG, cod=1032)
hint(@=0x0000000016E8D708,
txt=COLUMN_STATS("SYS"."WRI$ _ADV_EXECUTIONS", "EXEC_END", scale,
length=7))
col=(@=0000000012F17DE8, nxt=0000000000000000, id=8, n=3
c=3 f=0 h=3
len=0 ndv=26)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000016E8D760, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8D5F8)
kestsDumpMsg(): dump message
msg=(@=0x0000000016E8D7C8, fac=SMG, cod=1032)
hint(@=0x0000000016E8D870,
txt=COLUMN_STATS("SYS"."WRI$ _ADV_EXECUTIONS", "EXEC_START", scale,
length=7 distinct=26))
lobj=(@=0000000012F17C70, nxt=0000000012F17B70, own=SYS,
nam=SCHEDULER$_LWJOB_OBJ flg=)
gobj=(@=0000000012F17BE8, nxt=62515E330000172D,
objn=317815520 typ=TABLE, bown=SYS, bnam=SCHEDULER$_LWJOB_OBJ
stat=OKAY blks=0 rows=0, flg=)
```













```

        hint(@=0x0000000016E8D410,
txt=COLUMN_STATS("SYS"."WRI$ _ADV_EXECUTIONS", "TASK_ID", scale, length=3
distinct=10 nulls=0 min=627 max=1293))
        col=(@=0000000012F17F00, nxt=0000000012F17E78, id=11, n=1 c=1
f=0 h=1
        len=0)
        kestsDumpFinding(): dump finding structure
        find=(@=0x0000000016E8D490, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8D300)
        kestsDumpMsg(): dump message
        msg=(@=0x0000000016E8D4F8, fac=SMG, cod=1032)
        hint(@=0x0000000016E8D5A0,
txt=COLUMN_STATS("SYS"."WRI$ _ADV_EXECUTIONS", "STATUS", scale, length=2))
        col=(@=0000000012F17E78, nxt=0000000012F17DE8, id=10, n=1 c=1
f=0 h=1
        len=0)
        kestsDumpFinding(): dump finding structure
        find=(@=0x0000000016E8D5F8, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8D490)
        kestsDumpMsg(): dump message
        msg=(@=0x0000000016E8D660, fac=SMG, cod=1032)
        hint(@=0x0000000016E8D708,
txt=COLUMN_STATS("SYS"."WRI$ _ADV_EXECUTIONS", "EXEC_END", scale,
length=7))
        col=(@=0000000012F17DE8, nxt=0000000000000000, id=8, n=3 c=3
f=0 h=3
        len=0 ndv=26)
        kestsDumpFinding(): dump finding structure
        find=(@=0x0000000016E8D760, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8D5F8)
        kestsDumpMsg(): dump message
        msg=(@=0x0000000016E8D7C8, fac=SMG, cod=1032)
        hint(@=0x0000000016E8D870,
txt=COLUMN_STATS("SYS"."WRI$ _ADV_EXECUTIONS", "EXEC_START", scale,
length=7 distinct=26))
        gobj=(@=0000000012F17BE8, nxt=000000010000172D, objn=317815520
typ=TABLE, bown=SYS, bnam=SCHEDULER$_LWJOB_OBJ
        stat=OKAY blks=0 rows=0, flg=)
        gobj=(@=0000000012F17AE0, nxt=0000000100001730, objn=317815264
typ=TABLE, bown=SYS, bnam=SCHEDULER$_LIGHTWEIGHT_JOB
        stat=OKAY blks=0 rows=0, flg=)
        gobj=(@=0000000012F179E0, nxt=000000010000174F, objn=317815016
typ=TABLE, bown=SYS, bnam=SCHEDULER$_WINDOW_GROUP
        stat=OKAY blks=1 rows=4, flg=)
        gobj=(@=0000000012F178E8, nxt=0000000100001723, objn=317814776
typ=TABLE, bown=SYS, bnam=SCHEDULER$_JOB
        stat=OKAY blks=7 rows=25, flg=)
        gobj=(@=0000000012F177F8, nxt=0000000100000016, objn=317814520
typ=TABLE, bown=SYS, bnam=USER$
        stat=OKAY blks=5 rows=97, flg=)
        gobj=(@=0000000012F176F8, nxt=0000000100001751, objn=317814264
typ=TABLE, bown=SYS, bnam=SCHEDULER$_WINGRP_MEMBER
        stat=OKAY blks=1 rows=28, flg=)

```

```

gobj=(@=0000000012F175F8, nxt=0000000100001747, objn=317814024
typ=TABLE, bown=SYS, bnam=SCHEDULER$_EVENT_LOG
    stat=OKAY blks=13 rows=194, flg=)
gobj=(@=0000000012F17508, nxt=0000000100000012, objn=317831000
typ=TABLE, bown=SYS, bnam=OBJ$_
    stat=OKAY blks=930 rows=76994, flg=)
gobj=(@=0000000012F1B758, nxt=0000000100001781, objn=0 typ=TABLE,
bown=SYS, bnam=SCHEDULER$_DESTINATIONS
    stat=OKAY blks=1 rows=2, flg=)

```

Query Block Context List:

```

qbCtx=(@=0000000012F18840, name=, pass=6, flg=)
qbCtx=(@=0000000012F1A500, name=, pass=7, flg=)
qbCtx=(@=0000000012F1A110, name=, pass=7, flg=)
qbCtx=(@=0000000012F19F58, name=, pass=3, flg=)
qbCtx=(@=0000000012F19C00, name=, pass=6, flg=)
qbCtx=(@=0000000012F19810, name=, pass=7, flg=)
qbCtx=(@=0000000012F196E0, name=, pass=2, flg=)
qbCtx=(@=0000000012F1B5C0, name=, pass=3, flg=)
qbCtx=(@=0000000012F1AFA8, name=, pass=11, flg=)
qbCtx=(@=0000000012F1AE78, name=, pass=2, flg=)
qbCtx=(@=0000000012F1ACB0, name=, pass=3, flg=)
qbCtx=(@=0000000012F1A9D8, name=, pass=5, flg=)
qbCtx=(@=0000000012F1A898, name=, pass=2, flg=)
qbCtx=(@=0000000012F1A758, name=, pass=2, flg=)
qbCtx=(@=0000000012F1BD88, name=, pass=5, flg=)
qbCtx=(@=0000000012F1BC58, name=, pass=2, flg=)
qbCtx=(@=0000000012F1BB28, name=, pass=2, flg=)
qbCtx=(@=0000000012F1B9F8, name=, pass=2, flg=)
qbCtx=(@=0000000012F1B8C8, name=, pass=2, flg=)
qbCtx=(@=0000000012F1C558, name=, pass=3, flg=)
qbCtx=(@=0000000012F1C280, name=, pass=5, flg=)
qbCtx=(@=0000000012F1C0B8, name=, pass=3, flg=)
qbCtx=(@=0000000012F1CE78, name=, pass=3, flg=)
qbCtx=(@=0000000012F1D288, name=, pass=4, flg=)
qbCtx=(@=0000000012F1D0C0, name=, pass=3, flg=)

```

kestsDumpXpl(): dump explain plan(s): first type=original

Explain Plan List:

Dumping plan with type=original

```

=====
Plan Table
=====

```

Id	Operation	Name
Rows	Bytes	Cost
Time		
0	SELECT STATEMENT	
11	5786   245	00:00:03
1	HASH JOIN OUTER	
11	5786   245	00:00:03
2	HASH JOIN OUTER	
11	4092   129	00:00:02

3	FILTER				
4	HASH JOIN RIGHT OUTER				
11	3245   41   00:00:01				
5	TABLE ACCESS FULL				WRI\$_ADV_PARAMETERS
26	650   11   00:00:01				
6	HASH JOIN				
37	9990   30   00:00:01				
7	TABLE ACCESS FULL				WRI\$_ADV_PARAMETERS
37	925   11   00:00:01				
8	HASH JOIN				
37	9065   18   00:00:01				
9	VIEW				DBA_ADVISOR_TASKS
37	8140   7   00:00:01				
10	FILTER				
11	HASH JOIN OUTER				
37	6105   7   00:00:01				
12	TABLE ACCESS FULL				WRI\$_ADV_TASKS
37	4699   3   00:00:01				
13	TABLE ACCESS FULL				WRI\$_ADV_EXECUTIONS
71	2698   3   00:00:01				
14	TABLE ACCESS FULL				WRI\$_ADV_PARAMETERS
37	925   11   00:00:01				
15	VIEW				DBA_SCHEDULER_JOBS
26	2002   88   00:00:02				
16	UNION-ALL				
17	MERGE JOIN CARTESIAN				
25	2950   83   00:00:01				
18	HASH JOIN				
25	2950   83   00:00:01				
19	NESTED LOOPS OUTER				
25	2525   79   00:00:01				
20	NESTED LOOPS				
25	2400   54   00:00:01				
21	NESTED LOOPS				
25	1575   4   00:00:01				
22	FIXED TABLE FULL				X\$KCCDI
1	13   0   00:00:01				
23	TABLE ACCESS FULL				SCHEDULER\$_JOB
25	1250   4   00:00:01				
24	TABLE ACCESS BY INDEX ROWID				
OBJ\$_	1   33			2   00:00:01	
25	INDEX RANGE SCAN				I_OBJ1
1	1   00:00:01				
26	INDEX RANGE SCAN				I_OBJ1
1	5   1   00:00:01				
27	TABLE ACCESS FULL				
USER\$_	97   1649			3   00:00:01	
28	BUFFER SORT				
1	80   00:00:01				
29	FIXED TABLE FULL				X\$KCCDI2
1	0   00:00:01				

```

| 30 |          NESTED LOOPS          | | |
|   1 |    182 |     5 | 00:00:01 |
| 31 |          NESTED LOOPS          |
|   1 |    165 |     4 | 00:00:01 |
| 32 |          NESTED LOOPS OUTER    |
|   1 |    156 |     3 | 00:00:01 |
| 33 |          NESTED LOOPS          |
|   1 |    151 |     2 | 00:00:01 |
| 34 |          TABLE ACCESS FULL    |
SCHEDULER$_LIGHTWEIGHT_JOB|     1 |   108 |     2 | 00:00:01 |
| 35 |          TABLE ACCESS BY INDEX ROWID | SCHEDULER$_LWJOB_OBJ
|   1 |     43 |     0 | 00:00:01 |
| 36 |          INDEX UNIQUE SCAN      | SCHEDULER$_LOBJ_PK
|   1 |        |     0 | 00:00:01 |
| 37 |          INDEX RANGE SCAN      | I_OBJ1
|   1 |     5 |     1 | 00:00:01 |
| 38 |          INDEX RANGE SCAN      | I_OBJ1
|   1 |     9 |     1 | 00:00:01 |
| 39 |          TABLE ACCESS CLUSTER |
USER$_                |     1 |    17 |     1 | 00:00:01 |
| 40 |          INDEX UNIQUE SCAN      | I_USER#
|   1 |        |     0 | 00:00:01 |
| 41 |          VIEW                    |
|   37 | 5698 |   115 | 00:00:02 |
| 42 |          NESTED LOOPS OUTER    |
|   37 | 2923 |   115 | 00:00:02 |
| 43 |          HASH JOIN              |
|   37 | 2738 |    78 | 00:00:01 |
| 44 |          VIEW                    | VW_NSO_1
|   93 | 1209 |    73 | 00:00:01 |
| 45 |          HASH UNIQUE            |
|   93 | 5208 |    73 | 00:00:01 |
| 46 |          WINDOW SORT            |
|   93 | 5208 |    73 | 00:00:01 |
| 47 |          HASH JOIN OUTER       |
|   93 | 5208 |    71 | 00:00:01 |
| 48 |          TABLE ACCESS FULL    | SCHEDULER$_EVENT_LOG
|   93 | 4743 |     5 | 00:00:01 |
| 49 |          INDEX FAST FULL SCAN   | I_OBJ1
|  73K | 367K |    65 | 00:00:01 |
| 50 |          TABLE ACCESS FULL    | SCHEDULER$_EVENT_LOG
|   93 | 5673 |     5 | 00:00:01 |
| 51 |          INDEX RANGE SCAN      | I_OBJ1
|   1 |     5 |     1 | 00:00:01 |

```

```

-----+-----
          Explain Plan (original): hash=1499986165 hash2=3977685166
cost=245.155131
Plan Status:
  status=(pst=ERROR)

```

```

-----
Outline plan information
-----

```

Outline data:

----- Dump of outline -----

/\*+

```
BEGIN_OUTLINE_DATA
  IGNORE_OPTIM_EMBEDDED_HINTS
  OPTIMIZER_FEATURES_ENABLE('11.2.0.2')
  DB_VERSION('11.2.0.2')
  OPT_PARAM('result_cache_mode' 'FORCE')
  ALL_ROWS
  OUTLINE_LEAF(@"SEL$5")
  OUTLINE_LEAF(@"SEL$19")
  OUTLINE_LEAF(@"SEL$5F3F0374")
  ELIMINATE_JOIN(@"SEL$813C1359" "AD"@"SEL$17")
  OUTLINE_LEAF(@"SEL$1FB6C052")
  MERGE(@"SEL$15")
  OUTLINE_LEAF(@"SEL$21")
  OUTLINE_LEAF(@"SEL$22")
  OUTLINE_LEAF(@"SET$3")
  OUTLINE_LEAF(@"SEL$23")
  OUTLINE_LEAF(@"SEL$24")
  OUTLINE_LEAF(@"SET$4")
  OUTLINE_LEAF(@"SEL$1C34B9A1")
  ELIMINATE_JOIN(@"SEL$95423B40" "AD"@"SEL$26")
  OUTLINE_LEAF(@"SEL$A065B7E5")
  MERGE(@"SEL$28")
  OUTLINE_LEAF(@"SET$5")
  OUTLINE_LEAF(@"SEL$20")
  OUTLINE_LEAF(@"SET$2")
  OUTLINE_LEAF(@"SEL$13")
  OUTLINE_LEAF(@"SEL$20EAEDCE")
  MERGE(@"SEL$F7A62D4D")
  OUTLINE_LEAF(@"SEL$31")
  OUTLINE_LEAF(@"SET$1")
  OUTLINE_LEAF(@"SEL$916FDCC7")
  OUTLINE_LEAF(@"SEL$3CE29736")
  UNNEST(@"SEL$5F9076AD")
  OUTLINE_LEAF(@"SEL$E2A84955")
  MERGE(@"SEL$A815D38B")
  OUTLINE(@"SEL$813C1359")
  MERGE(@"SEL$17")
  MERGE(@"SEL$18")
  OUTLINE(@"SEL$14")
  OUTLINE(@"SEL$15")
  OUTLINE(@"SEL$95423B40")
  MERGE(@"SEL$26")
  OUTLINE(@"SEL$27")
  OUTLINE(@"SEL$28")
  OUTLINE(@"SEL$12")
  OUTLINE(@"SEL$F7A62D4D")
  MERGE(@"SEL$30")
  OUTLINE(@"SEL$5F9076AD")
  MERGE(@"SEL$35")
  OUTLINE(@"SEL$9CF1E98E")
  MERGE(@"SEL$33")
```

```
OUTLINE (@"SEL$1")
OUTLINE (@"SEL$A815D38B")
MERGE (@"SEL$16B88241")
OUTLINE (@"SEL$16")
OUTLINE (@"SEL$17")
OUTLINE (@"SEL$18")
OUTLINE (@"SEL$25")
OUTLINE (@"SEL$26")
OUTLINE (@"SEL$29")
OUTLINE (@"SEL$30")
OUTLINE (@"SEL$34")
OUTLINE (@"SEL$35")
OUTLINE (@"SEL$32")
OUTLINE (@"SEL$33")
OUTLINE (@"SEL$2")
OUTLINE (@"SEL$16B88241")
MERGE (@"SEL$285A8194")
MERGE (@"SEL$4")
MERGE (@"SEL$68B588A0")
MERGE (@"SEL$CF5359D5")
OUTLINE (@"SEL$3")
OUTLINE (@"SEL$285A8194")
MERGE (@"SEL$11")
OUTLINE (@"SEL$4")
OUTLINE (@"SEL$68B588A0")
MERGE (@"SEL$7")
OUTLINE (@"SEL$CF5359D5")
MERGE (@"SEL$9")
OUTLINE (@"SEL$10")
OUTLINE (@"SEL$11")
OUTLINE (@"SEL$6")
OUTLINE (@"SEL$7")
OUTLINE (@"SEL$8")
OUTLINE (@"SEL$9")
NO_ACCESS (@"SEL$E2A84955" "T"@"SEL$4")
FULL (@"SEL$E2A84955" "A"@"SEL$7")
FULL (@"SEL$E2A84955" "A"@"SEL$9")
FULL (@"SEL$E2A84955" "A"@"SEL$11")
NO_ACCESS (@"SEL$E2A84955" "J"@"SEL$2")
NO_ACCESS (@"SEL$E2A84955" "JL"@"SEL$1")
LEADING (@"SEL$E2A84955" "T"@"SEL$4" "A"@"SEL$7" "A"@"SEL$9"
"A"@"SEL$11" "J"@"SEL$2" "JL"@"SEL$1")
USE_HASH (@"SEL$E2A84955" "A"@"SEL$7")
USE_HASH (@"SEL$E2A84955" "A"@"SEL$9")
USE_HASH (@"SEL$E2A84955" "A"@"SEL$11")
USE_HASH (@"SEL$E2A84955" "J"@"SEL$2")
USE_HASH (@"SEL$E2A84955" "JL"@"SEL$1")
SWAP_JOIN_INPUTS (@"SEL$E2A84955" "A"@"SEL$9")
SWAP_JOIN_INPUTS (@"SEL$E2A84955" "A"@"SEL$11")
FULL (@"SEL$5" "A"@"SEL$5")
FULL (@"SEL$5" "E"@"SEL$5")
LEADING (@"SEL$5" "A"@"SEL$5" "E"@"SEL$5")
USE_HASH (@"SEL$5" "E"@"SEL$5")
NO_ACCESS (@"SEL$3CE29736" "VW_NSO_1"@"SEL$3CE29736")
```

```

FULL(@"SEL$3CE29736" "E"@SEL$33")
INDEX(@"SEL$3CE29736" "CO"@SEL$33" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
LEADING(@"SEL$3CE29736" "VW_NSO_1"@SEL$3CE29736" "E"@SEL$33"
"CO"@SEL$33")
USE_HASH(@"SEL$3CE29736" "E"@SEL$33")
USE_NL(@"SEL$3CE29736" "CO"@SEL$33")
FULL(@"SEL$916FDCC7" "E"@SEL$35")
INDEX_FFS(@"SEL$916FDCC7" "CO"@SEL$35" ("OBJ$"."OBJ#"
"OBJ$"."OWNER#" "OBJ$"."TYPE#"))
LEADING(@"SEL$916FDCC7" "E"@SEL$35" "CO"@SEL$35")
USE_HASH(@"SEL$916FDCC7" "CO"@SEL$35")
USE_HASH_AGGREGATION(@"SEL$916FDCC7")
FULL(@"SEL$31" "L"@SEL$31")
INDEX_RS_ASC(@"SEL$31" "LO"@SEL$31" ("SCHEDULER$_LWJOB_OBJ"."OBJ#"))
INDEX(@"SEL$31" "LCO"@SEL$31" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX(@"SEL$31" "PO"@SEL$31" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX(@"SEL$31" "LU"@SEL$31" "I_USER#")
LEADING(@"SEL$31" "L"@SEL$31" "LO"@SEL$31" "LCO"@SEL$31"
"PO"@SEL$31" "LU"@SEL$31")
USE_NL(@"SEL$31" "LO"@SEL$31")
USE_NL(@"SEL$31" "LCO"@SEL$31")
USE_NL(@"SEL$31" "PO"@SEL$31")
USE_NL(@"SEL$31" "LU"@SEL$31")
FULL(@"SEL$20EAEDCE" "DI"@SEL$30")
FULL(@"SEL$20EAEDCE" "J"@SEL$12")
INDEX_RS_ASC(@"SEL$20EAEDCE" "JO"@SEL$12" ("OBJ$"."OBJ#"
"OBJ$"."OWNER#" "OBJ$"."TYPE#"))
INDEX(@"SEL$20EAEDCE" "CO"@SEL$12" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
FULL(@"SEL$20EAEDCE" "JU"@SEL$12")
FULL(@"SEL$20EAEDCE" "DI2"@SEL$30")
LEADING(@"SEL$20EAEDCE" "DI"@SEL$30" "J"@SEL$12" "JO"@SEL$12"
"CO"@SEL$12" "JU"@SEL$12" "DI2"@SEL$30")
USE_NL(@"SEL$20EAEDCE" "J"@SEL$12")
USE_NL(@"SEL$20EAEDCE" "JO"@SEL$12")
USE_NL(@"SEL$20EAEDCE" "CO"@SEL$12")
USE_HASH(@"SEL$20EAEDCE" "JU"@SEL$12")
USE_MERGE_CARTESIAN(@"SEL$20EAEDCE" "DI2"@SEL$30")
NO_ACCESS(@"SEL$13" "DJD"@SEL$13")
INDEX_RS_ASC(@"SEL$20" "U1"@SEL$20" ("USER$"."NAME"))
NO_ACCESS(@"SEL$20" "O1"@SEL$20")
NO_ACCESS(@"SEL$20" "J1"@SEL$20")
NO_ACCESS(@"SEL$20" "JD1"@SEL$20")
LEADING(@"SEL$20" "U1"@SEL$20" "O1"@SEL$20" "J1"@SEL$20"
"JD1"@SEL$20")
USE_NL(@"SEL$20" "O1"@SEL$20")
USE_HASH(@"SEL$20" "J1"@SEL$20")
USE_HASH(@"SEL$20" "JD1"@SEL$20")
NO_ACCESS(@"SEL$1FB6C052" "DD"@SEL$14")
FULL(@"SEL$1FB6C052" "D"@SEL$15")
LEADING(@"SEL$1FB6C052" "DD"@SEL$14" "D"@SEL$15")

```



```

USE_HASH(@"SEL$1FB6C052" "D"@"SEL$15")
INDEX_RS_ASC(@"SEL$5F3F0374" "U"@"SEL$18" ("USER$"."NAME"))
INDEX(@"SEL$5F3F0374" "O"@"SEL$18" ("OBJ$"."OWNER#" "OBJ$"."NAME"
"OBJ$"."NAMESPACE" "OBJ$"."REMOTEOWNER" "OBJ$"."LINKNAME"
"OBJ$"."SUBNAME" "OBJ$"."TYPE#" "OBJ$"."SPARE3" "OBJ$"."OBJ#"))
INDEX_RS_ASC(@"SEL$5F3F0374" "J1"@"SEL$18" ("SCHEDULER$_JOB"."OBJ#"))
INDEX(@"SEL$5F3F0374" "W"@"SEL$17" ("SCHEDULER$_WINDOW_GROUP"."OBJ#"))
INDEX(@"SEL$5F3F0374" "WG"@"SEL$17" ("SCHEDULER$_WINGRP_MEMBER"."OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID2"))
INDEX(@"SEL$5F3F0374" "D"@"SEL$17" ("SCHEDULER$_DESTINATIONS"."OBJ#"))
INDEX(@"SEL$5F3F0374" "CMO"@"SEL$17" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX(@"SEL$5F3F0374" "CMU"@"SEL$17" ("USER$"."USER#" "USER$"."TYPE#"
"USER$"."SPARE1" "USER$"."SPARE2"))
INDEX(@"SEL$5F3F0374" "WMO"@"SEL$17" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX(@"SEL$5F3F0374" "WMU"@"SEL$17" ("USER$"."USER#" "USER$"."TYPE#"
"USER$"."SPARE1" "USER$"."SPARE2"))
LEADING(@"SEL$5F3F0374" "U"@"SEL$18" "O"@"SEL$18" "J1"@"SEL$18"
"W"@"SEL$17" "WG"@"SEL$17" "D"@"SEL$17" "CMO"@"SEL$17" "CMU"@"SEL$17"
"WMO"@"SEL$17" "WMU"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "O"@"SEL$18")
USE_NL(@"SEL$5F3F0374" "J1"@"SEL$18")
USE_NL(@"SEL$5F3F0374" "W"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "WG"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "D"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "CMO"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "CMU"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "WMO"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "WMU"@"SEL$17")
INDEX(@"SEL$19" "WM"@"SEL$19" ("SCHEDULER$_WINGRP_MEMBER"."OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID2"))
FULL(@"SEL$A065B7E5" "D"@"SEL$28")
INDEX(@"SEL$A065B7E5" "O"@"SEL$28" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
LEADING(@"SEL$A065B7E5" "D"@"SEL$28" "O"@"SEL$28")
USE_NL(@"SEL$A065B7E5" "O"@"SEL$28")
NLJ_BATCHING(@"SEL$A065B7E5" "O"@"SEL$28")
FULL(@"SEL$1C34B9A1" "D"@"SEL$26")
INDEX(@"SEL$1C34B9A1" "AO"@"SEL$26" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX_RS_ASC(@"SEL$1C34B9A1" "O"@"SEL$26" ("OBJ$"."OBJ#"
"OBJ$"."OWNER#" "OBJ$"."TYPE#"))
INDEX(@"SEL$1C34B9A1" "U"@"SEL$26" "I_USER#")
LEADING(@"SEL$1C34B9A1" "D"@"SEL$26" "AO"@"SEL$26" "O"@"SEL$26"
"U"@"SEL$26")
USE_NL(@"SEL$1C34B9A1" "AO"@"SEL$26")
USE_NL(@"SEL$1C34B9A1" "O"@"SEL$26")
USE_NL(@"SEL$1C34B9A1" "U"@"SEL$26")
INDEX_SS(@"SEL$24" "LO1"@"SEL$24" ("SCHEDULER$_LWJOB_OBJ"."USERID"
"SCHEDULER$_LWJOB_OBJ"."NAME" "SCHEDULER$_LWJOB_OBJ"."SUBNAME"))

```

```
INDEX_FFS(@"SEL$23" "RO1"@"SEL$23" ("OBJ$"."OWNER#" "OBJ$"."NAME"
"OBJ$"."NAMESPACE" "OBJ$"."REMOTEOWNER" "OBJ$"."LINKNAME"
"OBJ$"."SUBNAME" "OBJ$"."TYPE#" "OBJ$"."SPARE3" "OBJ$"."OBJ#"))
FULL(@"SEL$22" "LJ1"@"SEL$22")
FULL(@"SEL$21" "RJ1"@"SEL$21")
END_OUTLINE_DATA
```

\*/

```
kestsInitialRound(): exit ecode=0 msg=
kestsDoRounds() round=1
kkoatStatsCollectTab(enter): froP=0x000000001E511260
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E511260
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E54C380
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E54C380
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1D0C0
kkoatSetupQbCtx(exit): passNum=1 qbcDone=no atDone=no
pass=1 id=776064964
kkoatGetPreds(enter)
sPreds (3) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (E): canSamp=1 cdn=0 maxCard=0
kkoatFindSampleTable(exit): tab=E
kkoatVerifyEst: sPreds = ("E"."OPERATION"='RUN') AND ("E"."TYPE#"=66)
AND ("E"."DBID" IS NULL)
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=1 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("E"@"SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=1 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@"SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
jopP=0x000000001E557FB0
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=1 id=1018658903
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("E"@"SEL$35",
"CO"@"SEL$35")
```

```
kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001E557FB0
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=1 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35) est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=1 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001F0E4BA0
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
```

```

    kkoatVerifyEst(enter)
    pass=1 id=1018658903
    kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=1 id=1018658903
    VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("E"@SEL$35",
"CO"@SEL$35")
    kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
    joP=0x000000001F0E4BA0
    kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
    kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
    esttype=TABLE prelen=1 tables=("E"@SEL$33")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
    esttype=TABLE prelen=1 tables=("CO"@SEL$33")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
    esttype=JOIN prelen=2 tables=("VW_NSO_2"@SEL$3CE29736", "E"@SEL$33")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
    esttype=JOIN prelen=3 tables=("VW_NSO_2"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
    esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_2"@SEL$3CE29736")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
    esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_2"@SEL$3CE29736",
"CO"@SEL$33")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
    esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1CE78
    kkoatSetupQbCtx(exit): passNum=1 qbcDone=no atDone=no
    pass=1 id=776064964
    kkoatGetPreds(enter)
    sPreds (3) = nsPreds (0) = kkoatGetPreds(exit)
    kkoatFindSampleTable(enter)
    kkoatFindSampleTable (E): canSamp=1 cdn=0 maxCard=0
    kkoatFindSampleTable(exit): tab=E
    kkoatVerifyEst: sPreds = ("E"."OPERATION"='RUN') AND ("E"."TYPE#"=66)
    AND ("E"."DBID" IS NULL)
    kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=1 id=776064964
    VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
    est_nav=92.60 adjfac=0.4427 new_est=41.00
    kkoatVerifyEst(exit)

```

```
kkoatVerifyEst(enter)
pass=1 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=1 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1CE78
joP=0x000000001F138040
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=1 id=1018658903
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("E"@SEL$35",
"CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=776064964
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=1 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=2.36
est_nav=2.36 adjfac=0.4427 new_est=1.05
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=1 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=1 id=1018658903
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("E"@SEL$35",
"CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1CE78
joP=0x000000001F138040
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C0B8
kkoatSetupQbCtx(exit): passNum=1 qbcDone=no atDone=no
pass=1 id=776064964
kkoatGetPreds(enter)
sPreds (3) = nsPreds (1) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (E): canSamp=1 cdn=0 maxCard=0
```

```
kkoatFindSampleTable(exit): tab=E
kkoatVerifyEst: sPreds = ("E"."OPERATION"='RUN') AND ("E"."TYPE#"=66)
AND ("E"."DBID" IS NULL)
kkoatVerifyEstPartial(enter)
kkoatVerifyEstPartial(exit):
kkoatVerifyEst: complete, qbName=SEL$9CF1E98E pass=1 id=776064964
VEstatus=SUCCPARTIAL esttype=TABLE prelen=1 tables=("E"@SEL$33")
est=92.60 est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=SCHEDULER$_INSTANCE_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc: creating estim for type=1024
kestsacAddEstCtx(): resizing hash table to 8 entries
kkoatVerifyIdxAcc: creating estim for type=1025
kkoatVerifyIdxAcc: ***DS cant use filter preds***
kkoatVerifyIdxAcc(exit): VIstatus=REJECTALLPREDS
kkoatVerifyEst(enter)
pass=1 id=242593939
kkoatVerifyEst: complete, qbName=SEL$9CF1E98E pass=1 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C0B8
joP=0x000000001F138040
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$9CF1E98E pass=1 id=1018658903
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C0B8
joP=0x000000001F138040
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C280
kkoatSetupQbCtx(exit): passNum=1 qbcDone=no atDone=no
pass=1 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=998422737
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=776064964
kkoatGetPreds(enter)
```

```
sPreds (1) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (D): canSamp=1 cdn=0 maxCard=0
kkoatFindSampleTable(exit): tab=D
kkoatVerifyEst: sPreds = (BITAND("D"."FLAGS",12)=4)
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("D"@SEL$26) est=0.02
est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=242593939
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("AO"@SEL$26)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x00000000214A3FC0
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=1018658903
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("D"@SEL$26",
"AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=1 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=1832039161
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26", "U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=833616424
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=833616424
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=1774487701
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("D"@SEL$26", "O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=2017081640
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=1832039161
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=833616424
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=813380258
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("U"@SEL$26", "O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x00000000214A3FC0
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C558
  kkoatSetupQbCtx(exit): passNum=1 qbcDone=no atDone=no
pass=1 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=1 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$28")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=242593939
  kkoatGetPreds(enter)
    sPreds (1) =      nsPreds (0) =      kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (D): canSamp=1 cdn=0 maxCard=0
  kkoatFindSampleTable(exit): tab=D
  kkoatVerifyEst: sPreds = (BITAND("D"."FLAGS",10)=2)
```

```
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=1 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("D"@SEL$28) est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x0000000021540800
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=1 id=1018658903
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("D"@SEL$28", "O"@SEL$28")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x0000000021540800
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B8C8
  kkoatSetupQbCtx(exit): passNum=1 qbcDone=no atDone=no
  pass=1 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$23 pass=1 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("R01"@SEL$23")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x0000000021540800
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x0000000021540800
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B9F8
  kkoatSetupQbCtx(exit): passNum=1 qbcDone=no atDone=no
  pass=1 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$24 pass=1 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("L01"@SEL$24")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x0000000021540800
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x0000000021540800
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BB28
  kkoatSetupQbCtx(exit): passNum=1 qbcDone=no atDone=no
  pass=1 id=242593939
  kkoatGetPreds(enter)
    sPreds (2) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
```

```
kkoatFindSampleTable (RJ1): canSamp=1 cdn=0 maxCard=0
kkoatFindSampleTable(exit): tab=RJ1
kkoatVerifyEst: sPreds = (BITAND("RJ1"."FLAGS",137438953472)=0) AND
(BITAND("RJ1"."FLAGS",549755813888)=0)
kkoatVerifyEst: complete, qbName=SEL$21 pass=1 id=242593939
VEstatus=SUCCESS estttype=TABLE prelen=1 tables=("RJ1"@SEL$21) est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BB28
joP=0x0000000021540800
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BB28
joP=0x0000000021540800
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BC58
kkoatSetupQbCtx(exit): passNum=1 qbcDone=no atDone=no
pass=1 id=242593939
kkoatVerifyEst: complete, qbName=SEL$22 pass=1 id=242593939
VEstatus=NOROWS estttype=TABLE prelen=1 tables=("LJ1"@SEL$22)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x0000000021540800
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x0000000021540800
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BD88
kkoatSetupQbCtx(exit): passNum=1 qbcDone=no atDone=no
pass=1 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=776064964
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("U1"@SEL$20)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000001F118040
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=1 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1774487701
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1589445222
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1832039161
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1774487701
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=813380258
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1832039161
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1055974197
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1832039161
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=813380258
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("J1"@SEL$20",
"O1"@SEL$20")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1589445222
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1832039161
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1055974197
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1832039161
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=57551460
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=57551460
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("J1"@SEL$20",
"JD1"@SEL$20")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1055974197
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000001F118040
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A758
kkoatSetupQbCtx(exit): passNum=1 qbcDone=no atDone=no
pass=1 id=242593939
  kkoatGetPreds(enter)
  sPreds (2) = nsPreds (1) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable(RJ1): canSamp=1 cdn=0 maxCard=0
  kkoatFindSampleTable(exit): tab=RJ1
  kkoatVerifyEst: sPreds = (BITAND("RJ1"."FLAGS",137438953472)=0) AND
(BITAND("RJ1"."FLAGS",549755813888)=0)
  kkoatVerifyEstPartial(enter)
  kkoatVerifyEstPartial(exit):
  kkoatVerifyEst: complete, qbName=SEL$52271521 pass=1 id=242593939
VEstatus=SUCCPARTIAL esttype=TABLE prelen=1 tables=("RJ1"@SEL$21")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc: creating estim for type=1023
  kkoatVerifyIdxAcc: ***DS cant use filter preds***
  kkoatVerifyIdxAcc(exit): Vistatus=REJECTALLPREDS
  kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x000000001F118040
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x000000001F118040
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A898
  kkoatSetupQbCtx(exit): passNum=1 qbcDone=no atDone=no
pass=1 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$44902B2C pass=1 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x000000001F118040
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x000000001F118040
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=1 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000001F118040
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=1 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=813380258
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1055974197
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("O1"@SEL$20,
"J1"@SEL$20, "JD1"@SEL$20, "U1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1774487701
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("O1"@SEL$20,
"U1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("O1"@SEL$20,
"U1"@SEL$20, "J1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("O1"@SEL$20,
"U1"@SEL$20, "J1"@SEL$20, "JD1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1774487701
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("U1"@SEL$20,
"O1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1589445222
```

```

kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000001F118040
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A9D8
kkoatSetupQbCtx(exit): passNum=1 qbcDone=no atDone=no
pass=1 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=1 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=998422737
kkoatGetPreds(enter)
kkoatGetPreds(exit)
kkoatVerifyEst: ***No Sampling Predicates***
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=1 id=998422737
VEstatus=NOSAMPPREDS esttype=TABLE prelen=1 tables=("O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc: creating estim for type=1024
kkoatVerifyIdxAcc: creating estim for type=1025
kkoatVerifyIdxAcc: ***DS cant use filter preds***
kkoatVerifyIdxAcc(exit): VIstatus=REJECTALLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc: creating estim for type=1024
kestsacAddEstCtx(): resizing hash table to 16 entries
kkoatVerifyIdxAcc: creating estim for type=1025
kkoatVerifyIdxAcc: ***DS cant use filter preds***
kkoatVerifyIdxAcc(exit): VIstatus=REJECTALLPREDS
kkoatVerifyEst(enter)
pass=1 id=776064964
kkoatGetPreds(enter)
sPreds (1) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (D): canSamp=1 cdn=0 maxCard=0
kkoatFindSampleTable(exit): tab=D
kkoatVerifyEst: sPreds = (BITAND("D"."FLAGS",12)=4)
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=1 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)

```

```
pass=1 id=242593939
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=1 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A9D8
joP=0x00000000215AC058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=1 id=1018658903
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("D"@SEL$26",
"AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=1 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=1 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26", "U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=833616424
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=1 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=1 id=1774487701
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("D"@SEL$26", "O"@SEL$26")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=1 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=1 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=1 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=1 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=1 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=591022485
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=1 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=833616424
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=1 id=833616424
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=1 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=1 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=591022485
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=1 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=813380258
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=1 id=813380258
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("U"@SEL$26", "O"@SEL$26")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A9D8
joP=0x00000000215AC058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1ACB0
kkoatSetupQbCtx(exit): passNum=1 qbcDone=no atDone=no
pass=1 id=776064964
kkoatGetPreds(enter)
kkoatGetPreds(exit)
kkoatVerifyEst: ***No Sampling Predicates***
kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=1 id=776064964
VEstatus=NOSAMPPREDS esttype=TABLE prelen=1 tables=("O"@SEL$28")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc: creating estim for type=1024
kestsacAddEstCtx(): resizing hash table to 8 entries
kkoatVerifyIdxAcc: creating estim for type=1025
kkoatVerifyIdxAcc: ***DS cant use filter preds***
kkoatVerifyIdxAcc(exit): Vstatus=REJECTALLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc: creating estim for type=1024
kestsacAddEstCtx(): resizing hash table to 16 entries
kkoatVerifyIdxAcc: creating estim for type=1025
```

```
kkoatVerifyIdxAcc: ***DS cant use filter preds***
kkoatVerifyIdxAcc(exit): VIstatus=REJECTALLPREDS
  kkoatVerifyEst(enter)
pass=1 id=242593939
  kkoatGetPreds(enter)
    sPreds (1) =      nsPreds (0) =      kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (D): canSamp=1 cdn=0 maxCard=0
  kkoatFindSampleTable(exit): tab=D
  kkoatVerifyEst: sPreds = (BITAND("D"."FLAGS",10)=2)
  kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=1 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("D"@SEL$28) est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1ACB0
joP=0x00000000215AC058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=1 id=1018658903
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("D"@SEL$28", "O"@SEL$28")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1ACB0
joP=0x00000000215AC058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=1 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x00000000215AC058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=1 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=813380258
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1589445222
Vestatus=PASSNUM esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1832039161
Vestatus=PUSHPRED esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1055974197
Vestatus=PUSHPRED esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1832039161
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1774487701
```

```
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1774487701
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=813380258
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1055974197
VEstatus=PUSHPRED esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J1"@SEL$20,
"O1"@SEL$20, "JD1"@SEL$20, "U1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=57551460
VEstatus=PUSHPRED esttype=JOIN prelen=2 tables=("J1"@SEL$20,
"JD1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1055974197
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("J1"@SEL$20,
"JD1"@SEL$20, "O1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J1"@SEL$20,
"JD1"@SEL$20, "O1"@SEL$20, "U1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1774487701
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("U1"@SEL$20,
"O1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1589445222
```

```
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x00000000215AC058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=1 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=1 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=1 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000232AC058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=1 id=1018658903
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("E"@SEL$35",
"CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000232AC058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
  kkoatVerifyEst(exit)
```

```

kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1AE78
kkoatSetupQbCtx(exit): passNum=1 qbcDone=no atDone=no
pass=1 id=242593939
kkoatGetPreds(enter)
sPreds (3) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable(WM): canSamp=1 cdn=0 maxCard=0
kkoatFindSampleTable(exit): tab=WM
kkoatVerifyEst: sPreds = ("WM"."MEMBER_OID2" IS NULL)
kkoatVerifyEstPartial(enter)
kkoatVerifyEstPartial(exit):
kkoatVerifyEst: complete, qbName=SEL$19 pass=1 id=242593939
VEstatus=SUCCPARTIAL esttype=TABLE prelen=1 tables=("WM"@SEL$19")
est=28.00 est_nav=28.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$ WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc: creating estim for type=1023
kkoatVerifyIdxAcc: ***DS cant use filter preds***
kkoatVerifyIdxAcc(exit): VIstatus=REJECTALLPREDS
kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$ WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kestsacAddEstCtx(): resizing hash table to 8 entries
kkoatVerifyIdxAcc: creating estim for type=1023
kkoatVerifyIdxAcc: ***DS cant use filter preds***
kkoatVerifyIdxAcc(exit): VIstatus=REJECTALLPREDS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)

```

```

table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
  kkoatVerifyIdxAcc: creating estim for type=1023
  kkoatVerifyIdxAcc: ***DS cant use filter preds***
  kkoatVerifyIdxAcc(exit): VIstatus=REJECTALLPREDS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AE78
jop=0x00000000232AC058
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AE78
jop=0x00000000232AC058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1AFA8
  kkoatSetupQbCtx(exit): passNum=1 qbcDone=no atDone=no
  pass=1 id=776064964
  kkoatGetPreds(enter)
    sPreds (1) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable(U): canSamp=1 cdn=0 maxCard=0
  kkoatFindSampleTable(exit): tab=U
  kkoatVerifyEst: ***DS Service rejected all predicates***
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=776064964
VEstatus=REJECTALLPREDS esttype=TABLE prelen=1 tables=("U"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc: creating estim for type=1023
  kkoatVerifyIdxAcc: ***DS cant use filter preds***
  kkoatVerifyIdxAcc(exit): VIstatus=REJECTALLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=1 id=2113250766
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2113250766
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1593508212
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1593508212
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=598302687
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=598302687
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=402958856

```

```

kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=402958856
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=998422737
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=242593939
kkoatGetPreds(enter)
sPreds (1) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (0): canSamp=1 cdn=0 maxCard=0
kkoatFindSampleTable(exit): tab=0
kkoatVerifyEst: ***DS Service rejected all predicates***
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=242593939
VEstatus=REJECTALLPREDS esttype=TABLE prelen=1 tables=("O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc: creating estim for type=1024
kkoatVerifyIdxAcc: creating estim for type=1025
kkoatVerifyIdxAcc: ***DS cant use filter preds***
kkoatVerifyIdxAcc(exit): VIstatus=REJECTALLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc: creating estim for type=1024
kkoatVerifyIdxAcc: creating estim for type=1025
kkoatVerifyIdxAcc: ***DS cant use filter preds***
kkoatVerifyIdxAcc(exit): VIstatus=REJECTALLPREDS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x00000000232AC058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1018658903
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("U"@SEL$18", "O"@SEL$18")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=4130332406
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
```

```
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3182536200
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3585495056
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3585495056
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3439427928

```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17", "CMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3367578679
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3367578679
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2519426490
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2519426490
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1018658903
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("U"@SEL$18", "O"@SEL$18")
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=4130332406
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")

```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1018658903
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("U"@SEL$18", "O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=4130332406
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```



```
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
```

```

pass=1 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER

```

```
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1018658903
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("U"@SEL$18", "O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=4130332406
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=4130332406
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```

table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2519426490
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2519426490
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1374367651
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1374367651
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2967875863

```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2967875863
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=786159333
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=786159333
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1784582070
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1784582070
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1842133530
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1018658903
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("U"@SEL$18", "O"@SEL$18")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=4130332406
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1696066402
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```



```
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3036469072
VEstatus=PASSNUM estttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3439427928
VEstatus=PASSNUM estttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2116467634
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2116467634
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x00000000232AC058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B5C0
  kkoatSetupQbCtx(exit): passNum=1 qbcDone=no atDone=no
  pass=1 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=1 id=776064964
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("D"@SEL$15")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000232AC058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1018658903
```

```
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=1 id=1018658903
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("DD"@SEL$14",
"D"@SEL$15")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000232AC058
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
    pass=1 id=776064964
    kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=1 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$15")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x0000000023295E78
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyEst(enter)
    pass=1 id=1018658903
    kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=1 id=1018658903
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("DD"@SEL$14",
"D"@SEL$15")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x0000000023295E78
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
    pass=1 id=242593939
    kkoatGetPreds(enter)
      sPreds (1) =      nsPreds (0) =      kkoatGetPreds(exit)
    kkoatFindSampleTable(enter)
    kkoatFindSampleTable (R01): canSamp=1 cdn=0 maxCard=0
    kkoatFindSampleTable(exit): tab=R01
    kkoatVerifyEst: ***DS Service rejected all predicates***
    kkoatVerifyEst: complete, qbName=SEL$23 pass=1 id=242593939
VEstatus=REJECTALLPREDS esttype=TABLE prelen=1 tables=("R01"@SEL$23")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc: creating estim for type=1024
kestsacAddEstCtx(): resizing hash table to 8 entries
  kkoatVerifyIdxAcc: creating estim for type=1025
  kkoatVerifyIdxAcc: ***DS cant use filter preds***
  kkoatVerifyIdxAcc(exit): VIstatus=REJECTALLPREDS
  kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc: creating estim for type=1024
kestsacAddEstCtx(): resizing hash table to 16 entries
  kkoatVerifyIdxAcc: creating estim for type=1025
  kkoatVerifyIdxAcc: ***DS cant use filter preds***
  kkoatVerifyIdxAcc(exit): VIstatus=REJECTALLPREDS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x00000000232AC058
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x00000000232AC058
```

```

kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=1 id=242593939
kkoatVerifyEst: complete, qbName=SEL$24 pass=1 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO1"@SEL$24")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO1 index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x00000000232AC058
kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x00000000232AC058
kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=1 id=776064964
  kkoatGetPreds(enter)
    sPreds (1) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
kkoatFindSampleTable (U1): canSamp=1 cdn=0 maxCard=0
kkoatFindSampleTable(exit): tab=U1
kkoatVerifyEst: ***DS Service rejected all predicates***
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=776064964
VEstatus=REJECTALLPREDS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc: creating estim for type=1023
kkoatVerifyIdxAcc: ***DS cant use filter preds***
kkoatVerifyIdxAcc(exit): VIstatus=REJECTALLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x00000000232AC058
kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=1 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1774487701
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1832039161

```

```
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1832039161
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=591022485
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("U1"@SEL$20",
"J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=833616424
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1832039161
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1589445222
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1832039161
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x00000000232AC058
  kkoatSaveJoinOrder(exit)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F196E0
  kkoatSetupQbCtx(exit): passNum=1 qbcDone=no atDone=no
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x00000000232AC058
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x00000000232AC058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F19810
  kkoatSetupQbCtx(exit): passNum=1 qbcDone=no atDone=no
  pass=1 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1340402670
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=4148900168
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=4148900168
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=4109924817
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=998422737
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=998422737
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=776064964
kkoatGetPreds(enter)
sPreds (1) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (DI): canSamp=0 cdn=0 maxCard=-1
kkoatFindSampleTable(exit): tab=NO SAMPLING TABLE
kkoatVerifyEst: sPreds = ("DI"."INST_ID"=USERENV('INSTANCE'))
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=776064964
VEstatus=SUCCESS estttype=TABLE prelen=1 tables=("DI"@SEL$30") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=242593939
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=242593939
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x00000000232826B8
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=1 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1774487701
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("DI"@SEL$30",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3114890371
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2783780764
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1589445222
Vestatus=PASSNUM esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2929847892
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2783780764
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=629997836
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=629997836
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1970400506
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3357484310
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3357484310
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2359061573
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2338825407
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2338825407
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("J"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2153782928
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2153782928
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2192758279
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OB1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=813380258
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("J"@SEL$12",
"CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2153782928
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2153782928
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1194335542
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3357484310
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3357484310
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
```



```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=872591775
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1241016676
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2581419346
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2581419346
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2396376867
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2250309739
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1055974197
Vestatus=PASSNUM esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2396376867
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2250309739
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1582996609
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1436929481
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3357484310
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3357484310
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2359061573
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1241016676
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2581419346
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2581419346
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2396376867
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2250309739
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1055974197
Vestatus=PASSNUM esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2396376867
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2250309739
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2250309739
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1582996609
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1582996609
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=96526811
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1436929481
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x00000000232826B8
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1340402670
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=4148900168
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=1 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=998422737
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=242593939
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x0000000023194028
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=1 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=1 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3172441831
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3357484310
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3172441831
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2359061573
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1774487701
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2783780764
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3114890371
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3114890371
Vestatus=PASSNUM esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2929847892
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=1 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```



```
pass=1 id=629997836
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=629997836
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1970400506
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=1 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3172441831
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3357484310
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3172441831
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2359061573
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1241016676
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1055974197
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2396376867
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2250309739
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2581419346
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2581419346
Vestatus=PASSNUM esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2396376867
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=1 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2250309739
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2435352218
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2250309739
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1582996609
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1582996609
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=1 id=96526811
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1436929481
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=813380258
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("J"@SEL$12",
"CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2153782928
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2007715800
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2783780764
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2250309739
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2338825407
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2338825407
Vestatus=PASSNUM esttype=JOIN prelen=2 tables=("J"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2153782928
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2153782928
Vestatus=PASSNUM esttype=JOIN prelen=3 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```



```

kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2192758279
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12")

```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2007715800
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2783780764
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2250309739
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1194335542
Vestatus=PASSNUM esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1194335542
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1774487701
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3114890371
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1018658903
VEstatus=CARTPROD estttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2017081640
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1832039161
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3172441831
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3357484310
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3357484310
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1241016676
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3357484310
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3357484310
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1055974197
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1832039161
```



```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2396376867
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2581419346
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2581419346
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3357484310
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2396376867
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1582996609
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1774487701
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1774487701
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("J"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("J"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3114890371
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3114890371
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("J"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=1 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=813380258
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("J"@SEL$12",
"CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("J"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2153782928
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2338825407
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2338825407
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("J"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3114890371
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3114890371
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("J"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2153782928
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
```



```
pass=1 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x0000000023194028
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F19C00
kkoatSetupQbCtx(exit): passNum=1 qbcDone=no atDone=no
pass=1 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=998422737
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=776064964
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=242593939
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x00000000232826B8
kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=1 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=629997836
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("L"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1628420573
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=872591775
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1871014512
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1774487701
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("L"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1628420573
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1018658903
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("L"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=872591775
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("L"@SEL$31",
"PO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1871014512
```



```
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"PO"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"PO"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("L"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=629997836
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=629997836
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1628420573
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=872591775
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=444955357
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=96526811
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=3963857689
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=3963857689
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1443378094
```



```
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=57551460
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x00000000232826B8
```

```

kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=1 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LO"@SEL$31)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LU"@SEL$31)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=998422737
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=776064964
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=242593939
kkoatGetPreds(enter)
  sPreds (1) =          nsPreds (0) =    kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (PO): canSamp=1 cdn=0 maxCard=0
kkoatFindSampleTable(exit): tab=PO
kkoatVerifyEst: sPreds = ("PO"."TYPE#"=67)
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAcc: creating estim for type=1024
kkoatVerifyIdxAcc: creating estim for type=1025
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc: creating estim for type=1024
kkoatVerifyIdxAcc: creating estim for type=1025
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAcc: creating estim for type=1024
kkoatVerifyIdxAcc: creating estim for type=1025
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc: clear stale, estCtx=(@0x0000000016E8BC58)
needFix=FALSE
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)

```

```
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc: creating estim for type=1024
kestsacAddEstCtx(): resizing hash table to 32 entries
  kkoatVerifyIdxAcc: creating estim for type=1025
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x0000000027178040
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=1 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=629997836
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("L"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1628420573
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=872591775
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1443378094
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=687549296
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1774487701
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("L"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1628420573
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1871014512
```



```
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1832039161
  VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1589445222
  VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1018658903
  VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("L"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=872591775
  VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("L"@SEL$31",
"PO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1871014512
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"PO"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"PO"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("L"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=629997836
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=629997836
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1628420573
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=872591775
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=96526811
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=96526811
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=3963857689
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=1 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=1 id=591022485
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=3963857689
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=57551460
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=629997836
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("LO"@ "SEL$31",
"L"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```



```
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1628420573
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=872591775
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=687549296
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=96526811
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=96526811
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LO"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=3963857689
Vlstatus=PASSNUM esttype=JOIN prelen=2 tables=("LO"@ "SEL$31",
"LU"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=444955357
Vlstatus=PASSNUM esttype=JOIN prelen=3 tables=("LO"@ "SEL$31",
"LU"@ "SEL$31", "L"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```

table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)

```

```
pass=1 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=591022485
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=1 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=3963857689
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"L"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=3963857689
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=444955357
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```

table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$31 pass=1 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x0000000027178040
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatAllocQbCtx(enter): atCtxP=0x00000000183EC810,
qbcP=0x00000000215FD1C8 qbcname=SEL$E6BC9F71
kestsacAddQbCtx(enter): qbName=SEL$E6BC9F71
kestsacAddQbCtx(exit): qbCtx=0000000016E8AB58
  signature (initial): qb_name=SEL$E6BC9F71 nbfros=7 flg=0
  fro(0): flg=1 objn=0 hint_alias="JL"@ "SEL$1"
  fro(1): flg=0 objn=5798 hint_alias="A"@ "SEL$11"
  fro(2): flg=1 objn=9312 hint_alias="J"@ "SEL$2"
  fro(3): flg=0 objn=5791 hint_alias="A"@ "SEL$5"
  fro(4): flg=0 objn=5800 hint_alias="E"@ "SEL$5"
  fro(5): flg=0 objn=5798 hint_alias="A"@ "SEL$7"
  fro(6): flg=0 objn=5798 hint_alias="A"@ "SEL$9"
  kkoatAllocQbCtx(exit)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000016E8AB58
  kkoatSetupQbCtx(exit): passNum=0 qbcDone=no atDone=no
  pass=0 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=402958856
Vlstatus=PASSNUM esttype=TABLE prelen=1 tables=("A"@ "SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)

```

```
pass=0 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1340402670
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=4148900168
VEstatus=PASSNUM estttype=TABLE prelen=1 tables=("A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=4109924817
VEstatus=PASSNUM estttype=TABLE prelen=1 tables=("A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=998422737
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=998422737
VEstatus=PASSNUM estttype=TABLE prelen=1 tables=("A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=256891728
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=71849249
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=314443188
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=314443188
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1654845858
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1090508152
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1412251919
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1654845858
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2188316883
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=847914213
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1090508152
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2188316883
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1255314465
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1497908404
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1497908404
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$9", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2838311074
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2838311074
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2273973368
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2273973368
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$9")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2595717135
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2595717135
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=2838311074
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2838311074
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3371782099
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3371782099
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2031379429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2031379429
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2273973368
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2273973368
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$9")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3371782099
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3371782099
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=499485667
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=499485667
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=314443188
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=314443188
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$9", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$9", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1654845858
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$9", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1090508152
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$9", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$9", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$9", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1497908404
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1497908404
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$9", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2838311074
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2838311074
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$9")
kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=0 id=2273973368
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2273973368
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1839888337
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1839888337
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1654845858
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2838311074
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2838311074
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2615953301
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2615953301
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$9")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1275550631
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1275550631
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1090508152
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$9", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=2273973368
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2273973368
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2615953301
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2615953301
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1597294398
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1597294398
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$7",
"E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1412251919
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$7",
"E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1654845858
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"E"@SEL$5", "A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"E"@SEL$5", "A"@SEL$9", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"E"@SEL$5", "A"@SEL$9", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"E"@SEL$5", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"E"@SEL$5", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2188316883
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"E"@SEL$5", "A"@SEL$9", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"E"@SEL$5", "A"@SEL$9", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"E"@SEL$5", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"E"@SEL$5", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=2595717135
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2595717135
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$7",
"E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$7",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$7",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$7",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=256891728
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=71849249
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=217916377
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=71849249
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1401381593
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1401381593
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1216339114
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1070271986
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2088930889  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1846336950  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3186739620  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2", "E"@SEL\$5", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2088930889  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2", "JL"@SEL\$1", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2556741784  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2556741784  
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2410674656  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2653268595

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2653268595  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "A"@SEL\$7", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3186739620  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "A"@SEL\$7", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "A"@SEL\$7", "J"@SEL\$2", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2799335723  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2799335723  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2653268595  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$7", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3575400687  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3575400687  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3332806748

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
  VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=0 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
    VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
      kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
      pass=0 id=3575400687
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
      VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
        kkoatVerifyEst(exit)
        kkoatVerifyEst(enter)
        pass=0 id=3429333559
        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
        VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
          kkoatVerifyEst(exit)
          kkoatVerifyEst(enter)
          pass=0 id=1458933053
          kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1458933053
          VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1")
            kkoatVerifyEst(exit)
            kkoatVerifyEst(enter)
            pass=0 id=1312865925
            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
            VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
              kkoatVerifyEst(exit)
              kkoatVerifyEst(enter)
              pass=0 id=2653268595
              kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
              VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
                kkoatVerifyEst(exit)
                kkoatVerifyEst(enter)
                pass=0 id=3429333559
                kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
                VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
                  kkoatVerifyEst(exit)
                  kkoatVerifyEst(enter)
                  pass=0 id=2088930889
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2234998017
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1992404078
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3332806748
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2234998017
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1255314465
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
```



kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2653268595  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "A"@SEL\$9", "JL"@SEL\$1", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "A"@SEL\$9", "JL"@SEL\$1", "E"@SEL\$5", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2088930889  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "A"@SEL\$9", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "A"@SEL\$9", "JL"@SEL\$1", "J"@SEL\$2", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1846336950  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "A"@SEL\$9", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3186739620  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "A"@SEL\$9", "J"@SEL\$2", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "A"@SEL\$9", "J"@SEL\$2", "E"@SEL\$5", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2088930889  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "A"@SEL\$9", "J"@SEL\$2", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "A"@SEL\$9", "J"@SEL\$2", "JL"@SEL\$1", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=217916377

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=217916377
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1216339114
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=256891728
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1255314465
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1401381593
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1216339114
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2653268595
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2653268595  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1846336950  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2088930889  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2", "JL"@SEL\$1", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3186739620  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2", "E"@SEL\$5", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2410674656  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2653268595  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1458933053
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2234998017
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2234998017
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1992404078
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=217916377
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1216339114
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=256891728
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1255314465
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1743361526
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1743361526
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$5", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2741784263
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2741784263
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2556741784
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2410674656
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "E"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9", "JL"@SEL\$1", "J"@SEL\$2", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3332806748  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3332806748  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$5", "E"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3186739620  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "E"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9", "J"@SEL\$2", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "E"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9", "J"@SEL\$2", "A"@SEL\$7", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3575400687  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3575400687  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "E"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9", "J"@SEL\$2", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "E"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9", "J"@SEL\$2", "JL"@SEL\$1", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2595717135  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2595717135  
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL\$5", "E"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2410674656  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$5", "E"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2653268595  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "E"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "A"@SEL\$9", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2838311074
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2838311074
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3371782099
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3371782099
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
  VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
  VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
  VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2984378202
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2984378202
  VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2799335723
  VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
  VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
  VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
  VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "E"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "A"@SEL\$9", "J"@SEL\$2", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=217916377  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=217916377  
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1558319047  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1558319047  
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2556741784  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2556741784  
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2410674656  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2653268595  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=256891728  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=256891728  
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL\$7", "A"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1597294398  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1597294398  
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2595717135

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2595717135
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=645552795
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=645552795
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1985955465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1985955465
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2762020429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2762020429
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3760443166
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3760443166
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2576977950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2615953301
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2615953301
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3614376038
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2984378202
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2984378202
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3760443166
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3760443166
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$9", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2799335723
  VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
  VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
  VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
  VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
  VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2838311074
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2838311074
  VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
  VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
  VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2653268595
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2653268595  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"E"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7", "A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"E"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7", "A"@SEL\$9", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1800912986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1800912986  
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"E"@SEL\$5", "A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2576977950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2576977950  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"E"@SEL\$5", "A"@SEL\$9", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3575400687  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3575400687  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"E"@SEL\$5", "A"@SEL\$9", "J"@SEL\$2", "A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"E"@SEL\$5", "A"@SEL\$9", "J"@SEL\$2", "A"@SEL\$11", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2430910822  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2430910822  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"E"@SEL\$5", "A"@SEL\$9", "J"@SEL\$2", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"E"@SEL\$5", "A"@SEL\$9", "J"@SEL\$2", "A"@SEL\$7", "A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=217916377  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=217916377  
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=460510316

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=460510316
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1800912986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2576977950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=256891728
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=499485667
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=499485667
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1839888337
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1839888337
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2615953301
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2615953301
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x00000000232826B8
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=0 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=402958856
VEstatus=PASSNUM estttype=TABLE prelen=1 tables=("A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1340402670
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=4148900168
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=4148900168
VEstatus=PASSNUM estttype=TABLE prelen=1 tables=("A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=4109924817
VEstatus=PASSNUM estttype=TABLE prelen=1 tables=("A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=998422737
VEstatus=PASSNUM estttype=TABLE prelen=1 tables=("A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=217916377
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=71849249
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=314443188
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=314443188
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1654845858
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1090508152
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1412251919
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1654845858
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2188316883
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=847914213
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1090508152
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2188316883
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1216339114
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1458933053
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2234998017
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2556741784
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=217916377
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=71849249
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```



```
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=256891728
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=71849249
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1401381593
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1401381593
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1216339114
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=217916377
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1216339114
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1216339114
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=256891728
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1255314465
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1070271986
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=217916377
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1216339114
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1312865925
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$9",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=217916377
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1216339114
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=256891728
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=71849249
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11", "JL"@SEL\$1", "E"@SEL\$5", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=217916377  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=217916377  
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL\$5", "A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1216339114  
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL\$5", "A"@SEL\$9",  
"A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1070271986  
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$9",  
"A"@SEL\$11", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2410674656  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$9",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2653268595  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$9",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$9",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3186739620  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$9",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$9",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=217916377

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=217916377  
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1216339114  
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1070271986  
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2410674656  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2653268595  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3186739620  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=256891728  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=256891728  
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL\$7", "A"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=71849249



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=71849249
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=645552795
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=645552795
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1985955465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1985955465
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2762020429
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2762020429
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2576977950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=217916377
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=460510316
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=460510316
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1800912986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2576977950
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2576977950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=256891728
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=499485667
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=499485667
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1839888337
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1839888337
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2615953301
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2615953301
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1654845858
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x00000000272F3F58
  kkoatSaveJoinOrder(exit)
```

```
kkoatVerifyEst(enter)
pass=1 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=1 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=1 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000271F7518
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=1 id=1018658903
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("E"@SEL$35",
"CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000271F7518
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33, "CO"@SEL$33")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
jop=0x00000000271F7518
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
jop=0x00000000271F7518
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A500
kkoatSetupQbCtx(exit): passNum=1 qbcDone=no atDone=no
pass=1 id=4148900168
  kkoatGetPreds(enter)
kkoatGetPreds(exit)
kkoatVerifyEst: ***No Sampling Predicates***
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=4148900168
VEstatus=NOSAMPPREDS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc: creating estim for type=1023
kkoatVerifyIdxAcc: ***DS cant use filter preds***
  kkoatVerifyIdxAcc(exit): VIstatus=REJECTALLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=1 id=1340402670
  kkoatGetPreds(enter)
kkoatGetPreds(exit)
kkoatVerifyEst: ***No Sampling Predicates***
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1340402670
VEstatus=NOSAMPPREDS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc: creating estim for type=1024
kkoatVerifyIdxAcc: creating estim for type=1025
kkoatVerifyIdxAcc: ***DS cant use filter preds***
  kkoatVerifyIdxAcc(exit): VIstatus=REJECTALLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc: creating estim for type=1024
kkoatVerifyIdxAcc: creating estim for type=1025
kkoatVerifyIdxAcc: ***DS cant use filter preds***
  kkoatVerifyIdxAcc(exit): VIstatus=REJECTALLPREDS
    kkoatVerifyEst(enter)
pass=1 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=776064964
  kkoatGetPreds(enter)
    sPreds (1) =          nsPreds (0) =    kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (DI): canSamp=0 cdn=0 maxCard=-1
  kkoatFindSampleTable(exit): tab=NO SAMPLING TABLE
  kkoatVerifyEst: sPreds = ("DI"."INST_ID"=USERENV('INSTANCE'))
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("DI"@SEL$30") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x00000000271F7518
kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=1 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2212994445
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1871014512
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1436929481
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=1 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```



```
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1970400506
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1970400506
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2968823243
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1628420573
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1194335542
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=1 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2192758279
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2968823243
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=1 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2007715800
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=852355609
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=852355609
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=852355609
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=852355609
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x00000000271F7518
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=1 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=1 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=1 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000023038040
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=1 id=96526811
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=1 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1871014512
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1436929481
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=CARTPROD estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1094949548
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1871014512
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1970400506
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```



```

table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3026374703

```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1628420573
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1194335542
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2192758279
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2968823243
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2007715800
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=852355609
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=1 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1194335542
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```



```
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2435352218
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2192758279
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2192758279
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2435352218
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2968823243
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2783780764
```



```
kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F18840
kkoatSetupQbCtx(exit): passNum=1 qbcDone=no atDone=no
pass=1 id=4109924817
  kkoatGetPreds(enter)
kkoatGetPreds(exit)
kkoatVerifyEst: ***No Sampling Predicates***
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=4109924817
VEstatus=NOSAMPPREDS esttype=TABLE prelen=1 tables=("LU"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc: creating estim for type=1023
  kkoatVerifyIdxAcc: ***DS cant use filter preds***
  kkoatVerifyIdxAcc(exit): VIstatus=REJECTALLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=1 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
pass=1 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000271F7518
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
pass=1 id=3963857689
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=3963857689
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1685972033
```



```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1685972033
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=4206451628
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=591022485
VEstatus=CARTPROD estttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=444955357
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1443378094
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=687549296
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1589445222
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=833616424
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000271F7518
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=1 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=1 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
pass=1 id=998422737
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=242593939
  kkoatGetPreds(enter)
    sPreds (1) =          nsPreds (0) =    kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (PO): canSamp=1 cdn=0 maxCard=0
  kkoatFindSampleTable(exit): tab=PO
  kkoatVerifyEst: sPreds = ("PO"."TYPE#"=67)
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("PO"@SEL$31") est=27.53
est_nav=27.53 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAcc: creating estim for type=1024
  kkoatVerifyIdxAcc: creating estim for type=1025
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc: creating estim for type=1024
  kkoatVerifyIdxAcc: creating estim for type=1025
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAcc: creating estim for type=1024
kestsacAddEstCtx(): resizing hash table to 32 entries
  kkoatVerifyIdxAcc: creating estim for type=1025
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc: clear stale, estCtx=(@0x0000000016E8B670)
needFix=FALSE
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc: creating estim for type=1024
  kkoatVerifyIdxAcc: creating estim for type=1025
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x000000002300C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
pass=1 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=3963857689
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=687549296
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=833616424
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=591022485
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"L"@ "SEL$31")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=833616424
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=57551460
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x000000002300C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=0 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=402958856
VEstatus=PASSNUM esttype=TABLE prelen=1 tables=("A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1340402670
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=0 id=4148900168
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=4148900168
      VEstatus=PASSNUM esttype=TABLE prelen=1 tables=("A"@SEL$7")
      kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
      pass=0 id=4109924817
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=4109924817
      VEstatus=PASSNUM esttype=TABLE prelen=1 tables=("A"@SEL$9")
      kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
      pass=0 id=998422737
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=998422737
      VEstatus=PASSNUM esttype=TABLE prelen=1 tables=("A"@SEL$11")
      kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
      pass=0 id=1179023820
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1179023820
      VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
      kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
      pass=0 id=1032956692
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1032956692
      VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7")
      kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
      pass=0 id=847914213
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=847914213
      VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9")
      kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
      pass=0 id=1846336950
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
      VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "A"@SEL$11")
      kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
      pass=0 id=2088930889
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
      VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "A"@SEL$11", "JL"@SEL$1")
      kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
      pass=0 id=3429333559
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
      VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
      kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
```

```
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1090508152
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2188316883
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2031379429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2031379429
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=0 id=2273973368
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2273973368
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3371782099
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3371782099
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```



```
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1275550631
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1275550631
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1090508152
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$9", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2273973368
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2273973368
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2615953301
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2615953301
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2373359362
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2373359362
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=0 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2188316883
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3371782099
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3371782099
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2615953301
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2615953301
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=993981341
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=993981341
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=847914213
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1090508152
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=0 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2188316883
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1992404078
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2234998017
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1236575280
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1236575280
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1090508152
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```



```
pass=0 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2234998017
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2576977950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=256891728
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1032956692
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1032956692
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=847914213
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=847914213
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=217916377
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=847914213
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=847914213
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1401381593
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1401381593
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1216339114
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2653268595  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2088930889  
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1846336950  
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3186739620  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2", "E"@SEL\$5", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2088930889  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2", "JL"@SEL\$1", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2556741784

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2556741784
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3575400687
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3575400687  
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3332806748  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3332806748  
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3186739620  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "J"@SEL\$2", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "J"@SEL\$2", "A"@SEL\$7", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3575400687  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3575400687  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "J"@SEL\$2", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "J"@SEL\$2", "JL"@SEL\$1", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1458933053  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1458933053  
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1312865925  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1312865925  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "JL"@SEL\$1", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2653268595

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
  VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
  VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
  VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=217916377
  VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1216339114
  VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
  VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
  VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
  VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=256891728
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=256891728
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1255314465
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1401381593
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1401381593
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1216339114
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=217916377
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1216339114
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=256891728
  VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1255314465
  VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
  VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
  VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
  VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1743361526
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1743361526
  VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$5", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2741784263
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2741784263
  VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2556741784
  VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3332806748
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=217916377
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1558319047
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1558319047
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2556741784
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=256891728
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1597294398
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1597294398
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2595717135
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2595717135
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1179023820
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1179023820  
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("A"@SEL\$5", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1421617759  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1421617759  
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2762020429  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2762020429  
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3760443166  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3760443166  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3575400687  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3575400687  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$11", "A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$11", "A"@SEL\$9", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3614376038  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3614376038  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7", "A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2576977950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2576977950  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3575400687

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3575400687  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$9", "A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$9", "A"@SEL\$11", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2430910822  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2430910822  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$9", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$9", "A"@SEL\$7", "A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2615953301  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2615953301  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3614376038  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3614376038  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$7", "A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$7", "A"@SEL\$11", "A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2430910822  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2430910822  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$7", "A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$7", "A"@SEL\$9", "A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2420040496



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2420040496
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3760443166
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3760443166
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=217916377
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1236575280
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=256891728
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1032956692
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1032956692
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1275550631
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1275550631
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x00000000271F7518
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
pass=1 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=1 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=1 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000027506808
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=1 id=1018658903
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("E"@SEL$35",
"CO"@SEL$35")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000027506808
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
```

```
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=242593939
kkoatVerifyEst: complete, qbName=SEL$52271521 pass=1 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VEstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x00000000274EC058
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x00000000274EC058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=1 id=242593939
kkoatVerifyEst: complete, qbName=SEL$44902B2C pass=1 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=CANDFRO
kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=CANDFRO
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x00000000274E6F28
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x00000000274E6F28
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=1 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=U1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x00000000274E6E70
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1774487701
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x00000000274E6E70
  kkoatSaveJoinOrder(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x00000000274E6E70
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x00000000274E6E70
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=1 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=1 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
pass=1 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30") est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x00000000274E6E70
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=1 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1436929481
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1436929481
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=CARTPROD estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2435352218
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1094949548
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
```



```
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1970400506
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1628420573
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=1 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1194335542
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=1 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2192758279
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2435352218
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=1 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2968823243
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=1 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x00000000274E6E70
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=1 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=1 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=1 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30)
kkoatVerifyEst(exit)
```

```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
jOP=0x0000000027BF8040
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=1 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=96526811
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=872591775
VEstatus=CARTPROD estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1871014512
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1436929481
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=CARTPROD estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2435352218
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1871014512
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1970400506
Vestatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
Vestatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ _JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```



```
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1628420573
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1194335542
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2192758279
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1194335542
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2192758279
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2192758279
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2435352218
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2968823243
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2783780764
```



```
kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=1 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=1 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
pass=1 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027BF32F8
kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
pass=1 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=3963857689
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=444955357
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse: clear stale, estCtx=(@0x0000000016E8B458)
needFix=TRUE
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=1 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1685972033
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=4206451628
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=591022485
VEstatus=CARTPROD estttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=444955357
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1443378094
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=1 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=687549296
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=1 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=833616424
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027BF32F8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=1 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyEst(enter)
pass=1 id=4148900168
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=4148900168
VEstatus=NOROWS estttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatVerifyEst(enter)
  pass=1 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=998422737
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=1 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=776064964
VEstatus=NOROWS estttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=1 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=242593939
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000216CC058
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatVerifyEst(enter)
  pass=1 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=3963857689
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=1 id=444955357
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=1 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"L"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "LO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "LO"@ "SEL$31", "LCO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "LO"@ "SEL$31", "PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=1 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "LCO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=833616424
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=1 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
```



```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=833616424
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000216CC058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=0 id=402958856
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=402958856
Vlstatus=PASSNUM esttype=TABLE prelen=1 tables=("A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1340402670
Vlstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=4148900168
Vlstatus=PASSNUM esttype=TABLE prelen=1 tables=("A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=4109924817
Vlstatus=PASSNUM esttype=TABLE prelen=1 tables=("A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=998422737
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1090508152
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2188316883
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2031379429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2031379429
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2273973368
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2273973368
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3371782099
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3371782099
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1275550631
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1275550631
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1090508152
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1090508152
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$9", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2273973368
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2273973368
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2615953301
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2615953301
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2373359362
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2373359362
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2188316883
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$7", "E"@SEL\$5", "A"@SEL\$9", "A"@SEL\$11", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2430910822  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2430910822  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$7", "E"@SEL\$5", "A"@SEL\$9", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$7", "E"@SEL\$5", "A"@SEL\$9", "JL"@SEL\$1", "A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3371782099  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3371782099  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$7", "E"@SEL\$5", "A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3186739620  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$7", "E"@SEL\$5", "A"@SEL\$11", "A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$7", "E"@SEL\$5", "A"@SEL\$11", "A"@SEL\$9", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3614376038  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3614376038  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$7", "E"@SEL\$5", "A"@SEL\$11", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$7", "E"@SEL\$5", "A"@SEL\$11", "JL"@SEL\$1", "A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2615953301  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2615953301  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2430910822

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2430910822  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$9", "A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3614376038  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3614376038  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$11", "A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=993981341  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=993981341  
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=847914213  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=847914213  
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$9", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1846336950  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$9", "A"@SEL\$7", "A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2088930889  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$9", "A"@SEL\$7", "A"@SEL\$11", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$9", "A"@SEL\$7", "A"@SEL\$11", "JL"@SEL\$1", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3186739620

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1090508152
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2188316883
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=3429333559
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$9", "A"@SEL\$7", "E"@SEL\$5", "A"@SEL\$11", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2430910822  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2430910822  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$9", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$9", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1992404078  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1992404078  
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$9", "A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1846336950  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$9", "A"@SEL\$11", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2088930889  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$9", "A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$9", "A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3186739620  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$9", "A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$9", "A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2234998017

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2234998017
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1236575280
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1090508152
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2234998017
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2576977950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=256891728
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1032956692
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1032956692
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=847914213
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=847914213
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1846336950
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=217916377
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=993981341
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=847914213
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=847914213
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1401381593
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1216339114
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1070271986
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2088930889  
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1846336950  
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3186739620  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2", "E"@SEL\$5", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2088930889  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2", "JL"@SEL\$1", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2556741784  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2556741784  
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2410674656  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2653268595

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2653268595  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "A"@SEL\$7", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3186739620  
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "A"@SEL\$7", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "A"@SEL\$7", "J"@SEL\$2", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2799335723  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2799335723  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2653268595  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$7", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3575400687  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3575400687  
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3332806748

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3332806748
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
  VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
  VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
  VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
  VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1458933053
  VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
  VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
  VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
  VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2088930889  
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "JL"@SEL\$1", "A"@SEL\$7", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "JL"@SEL\$1", "A"@SEL\$7", "J"@SEL\$2", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=217916377  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=217916377  
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1216339114  
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1070271986  
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2410674656  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2653268595  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=256891728  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=256891728  
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL\$7", "A"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1255314465  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1255314465  
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1070271986

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1070271986  
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2410674656  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2653268595  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9", "E"@SEL\$5", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1401381593  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1401381593  
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL\$5", "A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1216339114  
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1070271986  
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1846336950  
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2088930889  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2", "JL"@SEL\$1", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3186739620

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
  VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
  VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
  VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
  VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
  VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
  VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
  VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
  VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=217916377
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1216339114
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=256891728
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1255314465
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1255314465
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1743361526
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1743361526
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$5", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2741784263
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2741784263
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2556741784
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3332806748
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)

*** 2013-01-09 23:53:35.601
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=217916377
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1558319047
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1558319047
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2556741784
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=256891728
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1597294398
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1597294398
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2595717135
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2595717135
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1179023820
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1421617759
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1421617759
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2762020429
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2762020429  
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3760443166  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3760443166  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3575400687  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3575400687  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$11", "A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$11", "A"@SEL\$9", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3614376038  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3614376038  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7", "A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2576977950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2576977950  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3575400687  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3575400687  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$9", "A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$9", "A"@SEL\$11", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2430910822

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=2615953301
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2615953301
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=2420040496
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2420040496
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=3760443166
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3760443166
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=217916377
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=993981341
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1236575280
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=256891728
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1032956692
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1032956692
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1275550631
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1275550631
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x00000000216CC058
  kkoatSaveJoinOrder(exit)
  kkoatInitCtx(enter): ctxP=0x000007FF0D1B6078 roundNum=1
  kkoatInitCtx(exit): timeSlice=3260
  kkoatVerifyEst(enter)
  pass=1 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=1 id=776064964
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
```



```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=1 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000217EC058
kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=1 id=1018658903
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("E"@SEL$35",
"CO"@SEL$35")
kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000217EC058
kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E56BAB0
kkoatStatsCollectTab(enter): froP=0x0000000016EBA448
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EBA448
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016EBA748
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17680 froP=0x0000000016EBA748
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E56C990
kkoatStatsCollectTab(enter): froP=0x0000000016EC4B50
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EC4B50
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016EC4E50
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17680 froP=0x0000000016EC4E50
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E5969C8
kkoatStatsCollectTab: skip fro=000000001E5969C8
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=1 id=242593939
kkoatVerifyEst: complete, qbName=SEL$19 pass=1 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("WM"@SEL$19") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
```

```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AE78
jop=0x00000000217EC058
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AE78
jop=0x00000000217EC058
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E52A648
kkoatStatsCollectTab(enter): froP=0x000000001E52A2C0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17780 froP=0x000000001E52A2C0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=1 id=776064964
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=1 id=2113250766
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2113250766
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1593508212
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1593508212
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=598302687
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=598302687
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=402958856
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=402958856
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMU"@SEL$17")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMO"@SEL$17")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=998422737
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J1"@SEL$18")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$18")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x00000000217EC058
kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1018658903
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("U"@SEL$18", "O"@SEL$18")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18")
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=4130332406
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")

```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)

```

```
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3182536200
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3585495056
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3585495056
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "WMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17", "CMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3367578679
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3367578679
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```



```
kkoatVerifyEst(enter)
pass=1 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2519426490
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMO"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1018658903
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("U"@SEL$18", "O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=4130332406
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1428873322
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2027176009
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1842133530
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=1 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1018658903
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("U"@SEL$18", "O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=4130332406
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=1 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2116467634
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1018658903
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("U"@SEL$18", "O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=4130332406
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3182536200
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2519426490
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2519426490
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1374367651
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1374367651
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2967875863
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2967875863
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=786159333
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=786159333
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1784582070
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1784582070
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1018658903
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("U"@SEL$18", "O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=4130332406
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=1 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=3439427928
VEstatus=PASSNUM estttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=1 id=2116467634
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
jop=0x00000000217EC058
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E516AD0
kkoatStatsCollectTab(enter): froP=0x000000001E52B8F0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E52B8F0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E52BBE0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E52BBE0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E52C0F0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17968 froP=0x000000001E52C0F0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E510500
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E510500
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E5107F0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E5107F0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E510AE0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E510AE0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E510F60
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E510F60
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E511560
```

```
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E511560
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E511860
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17780 froP=0x000000001E511860
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E511B60
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17A68 froP=0x000000001E511B60
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=1 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=1 id=776064964
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("D"@SEL$15")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000217EC058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=1 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=1 id=1018658903
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("DD"@SEL$14",
"D"@SEL$15")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000217EC058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=1 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=1 id=776064964
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("D"@SEL$15")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x0000000022FE1EC8
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=1 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=1 id=1018658903
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("DD"@SEL$14",
"D"@SEL$15")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x0000000022FE1EC8
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E4F5248
kkoatStatsCollectTab(enter): froP=0x000000001E516DE0
kkoatStatsCollectTab: skip fro=000000001E516DE0
kkoatStatsCollectTab(enter): froP=0x000000001E517448
```

```
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001E517448
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=1 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=998422737
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=242593939
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C280
jop=0x00000000217EC058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=1018658903
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("D"@SEL$26",
"AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```



```
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=1774487701
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("D"@SEL$26", "O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=833616424
```

```
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=833616424
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"AO"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"O"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=591022485
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=813380258
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=1 id=813380258
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("U"@SEL$26", "O"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x00000000217EC058
    kkoatSaveJoinOrder(exit)
      kkoatStatsCollect(enter): qbcP=0x000000001E570760
      kkoatStatsCollectTab(enter): froP=0x000000001E54C670
```

```
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E54C670
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E54C970
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E54C970
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E54CC60
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E54CC60
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E54D100
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E54D100
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=1 id=776064964
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=1 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$28")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=242593939
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=1 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$28") est=0.02
est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x00000000217EC058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=1 id=1018658903
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("D"@SEL$28", "O"@SEL$28")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x00000000217EC058
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E5AF7D8
kkoatStatsCollectTab(enter): froP=0x000000001E545680
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E545680
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
```

```
kkoatStatsCollectTab(enter): froP=0x000000001E5458E0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E5458E0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=1 id=242593939
kkoatVerifyEst: complete, qbName=SEL$23 pass=1 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("R01"@ "SEL$23")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x00000000217EC058
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x00000000217EC058
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E572F08
kkoatStatsCollectTab(enter): froP=0x000000001E572538
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E572538
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=1 id=242593939
kkoatVerifyEst: complete, qbName=SEL$24 pass=1 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L01"@ "SEL$24")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=L01 index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x00000000217EC058
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x00000000217EC058
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E572158
kkoatStatsCollectTab(enter): froP=0x000000001E571760
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17C70 froP=0x000000001E571760
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=1 id=242593939
```

```
kkoatVerifyEst: complete, qbName=SEL$21 pass=1 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21) est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BB28
joP=0x000000002740C058
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BB28
joP=0x000000002740C058
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E523050
    kkoatStatsCollectTab(enter): froP=0x000000001E57B7D8
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17968 froP=0x000000001E57B7D8
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
    kkoatVerifyEst(enter)
pass=1 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$22 pass=1 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22)
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x000000002740C058
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x000000002740C058
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E57B3F0
    kkoatStatsCollectTab(enter): froP=0x000000001E573BB0
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001E573BB0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
    kkoatVerifyEst(enter)
pass=1 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
    kkoatVerifyIdxAcc: using access estimate for filter
    kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000002740C058
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyEst(enter)
pass=1 id=1774487701
```

```
kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1774487701
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1589445222
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1832039161
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=591022485
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("U1"@SEL$20",
"J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1589445222
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1832039161
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=833616424
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=1 id=1832039161
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000002740C058
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E5288D8
  kkoatStatsCollectTab(enter): froP=0x000000001E570A30
  kkoatStatsCollectTab: skip fro=000000001E570A30
  kkoatStatsCollectTab(enter): froP=0x000000001E570DD0
```

```
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E570DD0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E573218
kkoatStatsCollectTab: skip fro=000000001E573218
kkoatStatsCollectTab(enter): froP=0x000000001E523360
kkoatStatsCollectTab: skip fro=000000001E523360
kkoatStatsCollect(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x000000002740C058
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x000000002740C058
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x0000000016F032D0
kkoatStatsCollectTab(enter): froP=0x0000000016F02EE8
kkoatStatsCollectTab: skip fro=0000000016F02EE8
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=1 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=4148900168
VEstatus=SUCCESS estttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=1 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1340402670
VEstatus=SUCCESS estttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=1 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=4109924817
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=998422737
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=776064964
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30)
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x000000002740C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=1 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1436929481
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2435352218
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=1 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1970400506
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1628420573
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1194335542
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2435352218
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=2968823243
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2968823243
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=3211417182
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=2783780764
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS

```

```
kkoatVerifyEst(enter)
pass=1 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2192758279
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2435352218
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2968823243
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x000000002740C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=1 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=1 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=1 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x000000002760C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=1 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1436929481
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1970400506
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2968823243
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1628420573
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1194335542
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=1 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2435352218
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1970400506
VEstatus=CARTPROD estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2192758279
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2192758279
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1194335542
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2435352218
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1970400506
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2192758279
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2192758279
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=1 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=852355609
```





```
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x0000000016EFED60
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016EFF200
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EFF200
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=1 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=1 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyEst(enter)
pass=1 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
jop=0x000000002740C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
```

```
kkoatVerifyEst(enter)
pass=1 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=3963857689
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=1 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1685972033
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=4206451628
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=591022485
Vestatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=444955357
Vestatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1443378094
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=1 id=687549296
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=1 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=833616424
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x000000002740C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=1 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
```

```
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyEst(enter)
pass=1 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
kkoatVerifyEst(enter)
pass=1 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027623F58
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
kkoatVerifyEst(enter)
pass=1 id=3963857689
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=3963857689
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=687549296
Vlstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1685972033
Vlstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
```



```
pass=1 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "LCO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=833616424
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=833616424
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=1 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=1 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027623F58
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x0000000016EFD0A8
kkoatStatsCollectTab(enter): froP=0x000000001CFEB558
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001CFEB558
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001CFEB860
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001CFEB860
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001CFEBB50
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001CFEBB50
kkoatTabStatsVerify(exit): statState=OKAY
```

```
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001CFE98
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001CFE98
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001CFEC198
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17C70 froP=0x000000001CFEC198
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=0 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=402958856
VEstatus=PASSNUM esttype=TABLE prelen=1 tables=("A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=4148900168
VEstatus=PASSNUM esttype=TABLE prelen=1 tables=("A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=4109924817
VEstatus=PASSNUM esttype=TABLE prelen=1 tables=("A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=998422737
VEstatus=PASSNUM esttype=TABLE prelen=1 tables=("A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=1032956692
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1032956692
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=847914213
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=847914213
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9")
  kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=0 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1090508152
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2188316883
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2031379429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2031379429
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2273973368
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2273973368
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3371782099
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3371782099
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1275550631
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1275550631
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1090508152
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$9", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2273973368
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2273973368
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2615953301
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2615953301
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2373359362
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2373359362
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2188316883
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3371782099
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3371782099
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2615953301
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2615953301
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=993981341
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=993981341
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=847914213
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1090508152
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2188316883
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1992404078
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2234998017
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1236575280
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1236575280
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1090508152
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2234998017
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2576977950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=256891728
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1032956692
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1032956692
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=847914213
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=217916377
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=993981341
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=993981341
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=847914213
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=847914213  
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"J"@SEL\$2", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1846336950  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"J"@SEL\$2", "A"@SEL\$7", "A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2088930889  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"J"@SEL\$2", "A"@SEL\$7", "A"@SEL\$11", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1401381593  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1401381593  
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL\$5", "A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1216339114  
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=1070271986  
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2410674656  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2653268595  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3186739620

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2", "E"@SEL\$5", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2088930889  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2", "JL"@SEL\$1", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2556741784  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2556741784  
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2410674656  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2653268595  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "A"@SEL\$7", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3186739620  
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "A"@SEL\$7", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "A"@SEL\$7", "J"@SEL\$2", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2799335723



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3332806748
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1458933053
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=217916377
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1216339114
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1070271986
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=256891728
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1255314465
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1401381593
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1216339114
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1216339114
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2653268595  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2410674656  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3186739620  
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2653268595  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=217916377  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=217916377  
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=1216339114

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1216339114
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=256891728
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1255314465
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1846336950
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1743361526
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1743361526
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$5", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2741784263
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2741784263
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2556741784
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3332806748
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$5", "E"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3186739620  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "E"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9", "J"@SEL\$2", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "E"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9", "J"@SEL\$2", "A"@SEL\$7", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3575400687  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3575400687  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "E"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9", "J"@SEL\$2", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "E"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9", "J"@SEL\$2", "JL"@SEL\$1", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2799335723  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2799335723  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$5", "E"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2653268595  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "E"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9", "JL"@SEL\$1", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL\$5", "E"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9", "JL"@SEL\$1", "A"@SEL\$7", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3575400687  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3575400687  
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL\$5", "E"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "E"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9", "JL"@SEL\$1", "J"@SEL\$2", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=217916377



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kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=217916377
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1558319047
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1558319047
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=256891728
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=1597294398
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1597294398
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2595717135
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2595717135
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=0 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1179023820
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1421617759
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1421617759
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=2762020429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2762020429
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3760443166
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3760443166
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=3614376038
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3614376038  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7", "A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2576977950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2576977950  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3575400687  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3575400687  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$9", "A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$9", "A"@SEL\$11", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2430910822  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2430910822  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$9", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$9", "A"@SEL\$7", "A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=2615953301  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=2615953301  
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3614376038  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=0 id=3614376038  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$5", "J"@SEL\$2",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$7", "A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=0 id=3429333559

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=2420040496
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=2420040496
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=3760443166
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3760443166
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=217916377
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=993981341
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=993981341
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=0 id=1236575280
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1236575280
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=256891728
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1032956692
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1032956692
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=0 id=1275550631
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=0 id=1275550631
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
  jobjCtxP=0x000000002740C058
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E57D020
  kkoatStatsCollectTab(enter): froP=0x000000001E56CC60
  kkoatStatsCollectTab: skip fro=000000001E56CC60
  kkoatStatsCollectTab(enter): froP=0x000000001E56D8C8
  kkoatStatsCollectTab: skip fro=000000001E56D8C8
  kkoatStatsCollectTab(enter): froP=0x000000001F066848
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
  lobjCtxP=0x0000000012F16998 froP=0x000000001F066848
  kkoatTabStatsVerify(exit): statState=STALE
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001F064860
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
  lobjCtxP=0x0000000012F16998 froP=0x000000001F064860
  kkoatTabStatsVerify(exit): statState=STALE
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001F062760
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
  lobjCtxP=0x0000000012F16998 froP=0x000000001F062760
  kkoatTabStatsVerify(exit): statState=STALE
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E63E090
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
  lobjCtxP=0x0000000012F17D70 froP=0x000000001E63E090
  kkoatTabStatsVerify(exit): statState=STALE
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E63E388
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
  lobjCtxP=0x0000000012F181A8 froP=0x000000001E63E388
  kkoatTabStatsVerify(exit): statState=STALE
```

```
kkoatTabStatsCollectAll(enter): qbcP=0x000000001E57D020
froP=0x000000001E63E388 mt=3 mc=1F mi=F
  col=(@=0000000012F18338, nxt=0000000012F182B0, id=3, n=1F c=1F f=0 h=5
    len=0 ndv=2 nnulls=0 min=38596001635959303000000000000000000000
max=43277234965060401000000000000000000000)
  kestsDumpFinding(): dump finding structure
  find=(@=0x0000000016E8E930, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8E7B0)
    kestsDumpMsg(): dump message
    msg=(@=0x0000000016E8E998, fac=SMG, cod=1032)
    hint(@=0x0000000016E8EA40, txt=COLUMN_STATS("SYS"."WRI$_ADV_TASKS",
"OWNER_NAME", scale, length=4 nulls=0))
  kkoatTabStatsCollectAll(exit): VSstatus=1
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
    kestsNewHintFinding(): enter,
hint=COLUMN_STATS("SYS"."WRI$_ADV_TASKS", "OWNER_NAME", scale, length=4
distinct=2 nulls=0 min=38596001635959303000000000000000000000
max=43277234965060401000000000000000000000)
  kestsDumpFinding(): dump finding structure
  find=(@=0x0000000016E89AB0, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8D760)
    kestsDumpMsg(): dump message
    msg=(@=0x0000000016E89B18, fac=SMG, cod=1032)
    hint(@=0x0000000016E89BC0, txt=COLUMN_STATS("SYS"."WRI$_ADV_TASKS",
"OWNER_NAME", scale, length=4 distinct=2 nulls=0
min=38596001635959303000000000000000000000
max=43277234965060401000000000000000000000))
  kestsNewHintFinding(): exit
  end kestsDoRounds() round error=0 msg=
  kestsDoRounds() round=2
  kkoatStatsCollectTab(enter): froP=0x000000001E5112A0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E5112A0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E54C358
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E54C358
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1D0C0
  kkoatSetupQbCtx(exit): passNum=2 qbcDone=no atDone=no
pass=2 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=2 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35) est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=2 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35)
  kkoatVerifyEst(exit)
```

```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001E557FB0
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1018658903
kkoatGetPreds(enter)
sPreds (4) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (E): canSamp=1 cdn=41 maxCard=41
kkoatFindSampleTable (CO): canSamp=1 cdn=75222 maxCard=75222
kkoatFindSampleTable(exit): tab=CO
kkoatVerifyEst: sPreds = ("E#1"."OPERATION"='RUN') AND
("E#1"."TYPE#"=66) AND ("E#1"."DBID" IS NULL) AND
("E#1"."CLASS_ID"="CO#0"."OBJ#")
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=2 id=1018658903
VEstatus=SUCCESS esttype=JOIN prelen=2 tables=("E"@SEL$35",
"CO"@SEL$35") est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001E557FB0
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```





```
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_2"@SEL$3CE29736",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1CE78
kkoatSetupQbCtx(exit): passNum=2 qbcDone=no atDone=no
pass=2 id=776064964
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=2 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=2 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1CE78
joP=0x000000001F128040
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1018658903
  kkoatGetPreds(enter)
    sPreds (4) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (E): canSamp=1 cdn=41 maxCard=41
  kkoatFindSampleTable (CO): canSamp=1 cdn=75222 maxCard=75222
  kkoatFindSampleTable(exit): tab=CO
kkoatVerifyEst: sPreds = ("E#1"."OPERATION"='RUN') AND
("E#1"."TYPE#"=66) AND ("E#1"."DBID" IS NULL) AND
("E#1"."CLASS_ID"="CO#0"."OBJ#")
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=2 id=1018658903
VEstatus=SUCCESS esttype=JOIN prelen=2 tables=("E"@SEL$35",
"CO"@SEL$35") est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=776064964
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=2 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=2.36
est_nav=2.36 adjfac=0.4427 new_est=1.05
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=242593939
```

```
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=2 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=2 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=1.05 est_nav=1.05 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1CE78
joP=0x000000001F128040
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C0B8
kkoatSetupQbCtx(exit): passNum=2 qbcDone=no atDone=no
pass=2 id=776064964
kkoatVerifyEst: complete, qbName=SEL$9CF1E98E pass=2 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$33") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=SCHEDULER$_INSTANCE_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=2 id=242593939
kkoatVerifyEst: complete, qbName=SEL$9CF1E98E pass=2 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C0B8
joP=0x000000001F128040
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1018658903
kkoatGetPreds(enter)
sPreds (4) = nsPreds (1) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (E): canSamp=1 cdn=41 maxCard=41
kkoatFindSampleTable (CO): canSamp=1 cdn=75222 maxCard=75222
kkoatFindSampleTable(exit): tab=CO
kkoatVerifyEst: sPreds = ("E#1"."OPERATION"='RUN') AND
("E#1"."TYPE#"=66) AND ("E#1"."DBID" IS NULL) AND
("E#1"."CLASS_ID"="CO#0"."OBJ#")
```

```
kkoatVerifyEstPartial(enter)
kkoatVerifyEstPartial(exit): ***Partial card estimation failed***
kkoatVerifyEst: complete, qbName=SEL$9CF1E98E pass=2 id=1018658903
VEstatus=FAILPARTIAL estttype=JOIN prelen=2 tables=("E"@SEL$33",
"CO"@SEL$33") est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C0B8
joP=0x000000001F128040
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C280
kkoatSetupQbCtx(exit): passNum=2 qbcDone=no atDone=no
pass=2 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=4109924817
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=998422737
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=998422737
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=776064964
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=242593939
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=242593939
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x0000000021540800
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1018658903
kkoatGetPreds(enter)
sPreds (2) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (D): canSamp=1 cdn=1 maxCard=1
kkoatFindSampleTable (AO): canSamp=1 cdn=75222 maxCard=75222
kkoatFindSampleTable(exit): tab=AO
kkoatVerifyEst: sPreds = (BITAND("D#1"."FLAGS",12)=4) AND
("D#1"."AGTDESTOID"="AO#0"."OBJ#")
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=1018658903
VEstatus=SUCCESS estttype=JOIN prelen=2 tables=("D"@SEL$26",
"AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=833616424
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1774487701
  kkoatGetPreds(enter)
    sPreds (2) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (D): canSamp=1 cdn=1 maxCard=1
  kkoatFindSampleTable (O): canSamp=1 cdn=75222 maxCard=75222
  kkoatFindSampleTable(exit): tab=0
kkoatVerifyEst: sPreds = (BITAND("D#1"."FLAGS",12)=4) AND
("O#2"."OBJ#"="D#1"."OBJ#")

```

```
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=1774487701
VEstatus=SUCCESS esttype=JOIN prelen=2 tables=("D"@SEL$26", "O"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=833616424
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=813380258
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=813380258
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("U"@SEL$26",
"O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x0000000021540800
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C558
  kkoatSetupQbCtx(exit): passNum=2 qbcDone=no atDone=no
pass=2 id=776064964
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=2 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$28")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=242593939
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=2 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$28") est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x0000000021540800
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1018658903
  kkoatGetPreds(enter)
    sPreds (2) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (D): canSamp=1 cdn=1 maxCard=1
  kkoatFindSampleTable (O): canSamp=1 cdn=75222 maxCard=75222
  kkoatFindSampleTable(exit): tab=0
  kkoatVerifyEst: sPreds = (BITAND("D#0"."FLAGS",10)=2) AND
("D#0"."OBJ#"="O#1"."OBJ#")

```

kkoatVerifyEst: complete, qbName=SEL\$A065B7E5 pass=2 id=1018658903  
VEstatus=SUCCESS esttype=JOIN prelen=2 tables=("D"@SEL\$28", "O"@SEL\$28")  
est=0.02 est\_nav=0.02 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C558  
joP=0x0000000021540800  
kkoatSaveJoinOrder(exit)  
kkoatVerifyEst(enter)  
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B8C8  
kkoatSetupQbCtx(exit): passNum=2 qbcDone=yes atDone=no  
pass=2 id=242593939  
kkoatVerifyEst: complete, qbName=SEL\$23 pass=2 id=242593939  
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("R01"@SEL\$23")  
kkoatVerifyEst(exit)  
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8  
joP=0x0000000021540800  
kkoatRestoreJoinOrder(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8  
joP=0x0000000021540800  
kkoatSaveJoinOrder(exit)  
kkoatVerifyEst(enter)  
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B9F8  
kkoatSetupQbCtx(exit): passNum=2 qbcDone=yes atDone=no  
pass=2 id=242593939  
kkoatVerifyEst: complete, qbName=SEL\$24 pass=2 id=242593939  
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("L01"@SEL\$24")  
kkoatVerifyEst(exit)  
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8  
joP=0x0000000021540800  
kkoatRestoreJoinOrder(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8  
joP=0x0000000021540800  
kkoatSaveJoinOrder(exit)  
kkoatVerifyEst(enter)  
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BB28  
kkoatSetupQbCtx(exit): passNum=2 qbcDone=yes atDone=no  
pass=2 id=242593939  
kkoatVerifyEst: complete, qbName=SEL\$21 pass=2 id=242593939  
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL\$21") est=25.00  
est\_nav=25.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BB28  
joP=0x0000000021540800  
kkoatRestoreJoinOrder(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BB28  
joP=0x0000000021540800  
kkoatSaveJoinOrder(exit)  
kkoatVerifyEst(enter)  
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BC58  
kkoatSetupQbCtx(exit): passNum=2 qbcDone=yes atDone=no  
pass=2 id=242593939  
kkoatVerifyEst: complete, qbName=SEL\$22 pass=2 id=242593939  
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL\$22")  
kkoatVerifyEst(exit)



```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x0000000021540800
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x0000000021540800
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BD88
kkoatSetupQbCtx(exit): passNum=2 qbcDone=no atDone=no
pass=2 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=776064964
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("U1"@SEL$20)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021528040
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=2 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1774487701
VEstatus=TABESTMISS estttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1589445222
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1832039161
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1774487701
VEstatus=TABESTMISS estttype=JOIN prelen=2 tables=("O1"@SEL$20",
"U1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1589445222
```

```
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1832039161
  VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("O1"@SEL$20",
  "U1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=813380258
  kkoatGetPreds(enter)
    sPreds (1) =      nsPreds (0) =      kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (O1): canSamp=0 cdn=75223 maxCard=-1
  kkoatFindSampleTable (J1): canSamp=0 cdn=26 maxCard=-1
  kkoatFindSampleTable(exit): tab=NO SAMPLING TABLE
  kkoatVerifyEst: sPreds = ("J1#3"."OBJ#"="O1#2"."OBJ#")
  kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=813380258
  VEstatus=SUCCESS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
  "J1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1589445222
  VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("O1"@SEL$20",
  "J1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1832039161
  VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("O1"@SEL$20",
  "J1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1055974197
  VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("O1"@SEL$20",
  "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"O1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1055974197
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```

table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=57551460
  kkoatGetPreds(enter)
    sPreds (2) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (J1): canSamp=0 cdn=26 maxCard=-1
  kkoatFindSampleTable (JD1): canSamp=0 cdn=2 maxCard=-1
  kkoatFindSampleTable(exit): tab=NO SAMPLING TABLE
  kkoatVerifyEst: sPreds = ("JD1#0"."OWNER"="J1#3"."DESTINATION_OWNER")
AND ("JD1#0"."DEST_NAME"="J1#3"."DESTINATION")
  kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=57551460
VEstatus=SUCCESS esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1055974197
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20", "U1"@SEL$20")

```

```
kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021528040
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A758
  kkoatSetupQbCtx(exit): passNum=2 qbcDone=yes atDone=no
  pass=2 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$52271521 pass=2 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21") est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x0000000021523FC0
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x0000000021523FC0
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A898
  kkoatSetupQbCtx(exit): passNum=2 qbcDone=yes atDone=no
  pass=2 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$44902B2C pass=2 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x0000000021523FC0
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x0000000021523FC0
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=2 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021523FC0
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=2 id=813380258
```

```
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=813380258
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1055974197
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021523FC0
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A9D8
kkoatSetupQbCtx(exit): passNum=2 qbcDone=no atDone=no
pass=2 id=4109924817
```

```

kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=2 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=2 id=998422737
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=2 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=2 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=2 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A9D8
joP=0x0000000021607FD8
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1018658903
  kkoatGetPreds(enter)
    sPreds (2) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (D): canSamp=1 cdn=1 maxCard=1
  kkoatFindSampleTable (AO): canSamp=1 cdn=75222 maxCard=75222
  kkoatFindSampleTable(exit): tab=AO
  kkoatVerifyEst: sPreds = (BITAND("D#1"."FLAGS",12)=4) AND
("D#1"."AGTDESTOID"="AO#0"."OBJ#")
  kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=2 id=1018658903
VEstatus=SUCCESS esttype=JOIN prelen=2 tables=("D"@SEL$26",
"AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS

```



```
kkoatVerifyEst(enter)
pass=2 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=2 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26", "U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=833616424
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=2 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=2 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("D"@SEL$26",
"O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=2 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=2 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=591022485
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=2 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=833616424
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=2 id=833616424
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=2 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=591022485
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=2 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=2 id=813380258
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=2 id=813380258
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$26",
"O"@SEL$26")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A9D8
joP=0x0000000021607FD8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1ACB0
kkoatSetupQbCtx(exit): passNum=2 qbcDone=no atDone=no
pass=2 id=776064964
kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=2 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$28")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=2 id=242593939
kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=2 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$28") est=0.02
est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1ACB0
joP=0x0000000021607FD8
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=2 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("D"@SEL$28",
"O"@SEL$28")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1ACB0
joP=0x0000000021607FD8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=2 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021607FD8
kkoatRestoreJoinOrder(exit)
```

```
kkoatVerifyEst(enter)
pass=2 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"J1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1055974197
VEstatus=PUSHPRED esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1774487701
Vestatus=TABESTMISS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1589445222
Vestatus=PASSNUM esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1832039161
Vestatus=PUSHPRED esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=813380258
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"O1"@SEL$20) est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1589445222
Vestatus=PASSNUM esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1055974197
VEstatus=PUSHPRED esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=57551460
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=57551460
VEstatus=PUSHPRED esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1055974197
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1832039161
VEstatus=PUSH Pred esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021607FD8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=2 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=2 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=2 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000021793FC0
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=2 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
```



```
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000021793FC0
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1AE78
kkoatSetupQbCtx(exit): passNum=2 qbcDone=yes atDone=no
pass=2 id=242593939
kkoatVerifyEst: complete, qbName=SEL$19 pass=2 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("WM"@SEL$19) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$ _WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
```

```
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AE78
jop=0x0000000021793FC0
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AE78
jop=0x0000000021793FC0
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1AFA8
  kkoatSetupQbCtx(exit): passNum=2 qbcDone=no atDone=no
  pass=2 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=2 id=2113250766
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2113250766
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1593508212
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1593508212
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=598302687
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=598302687
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=402958856
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=2 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=998422737
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x0000000021793FC0
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=2 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=4130332406
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=2 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
```

```
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3182536200
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
```

```

)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=3585495056
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3585495056
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "WMU"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17", "CMU"@SEL$17"
)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=3367578679
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3367578679
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)

```

```

table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3182536200
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1179023820

```



kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=2 id=1179023820  
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL\$18",  
"WMU"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=WMO index=I\_OBJ2 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=WMO index=I\_OBJ2 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=WMO index=I\_OBJ4 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=2 id=2519426490  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=2 id=2519426490  
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL\$18",  
"WMU"@SEL\$17", "WMO"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=O index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=O index=I\_OBJ2 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=O index=I\_OBJ2 estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=O index=I\_OBJ2 type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS  
kkoatVerifyIdxAcc(enter)  
table=O index=I\_OBJ4 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=2 id=1018658903  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=2 id=1018658903  
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL\$18",  
"O"@SEL\$18")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J1 index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=J1 index=SCHEDULER\$\_JOB\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=2 id=2017081640  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=2 id=2017081640  
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL\$18", "O"@SEL\$18",  
"J1"@SEL\$18")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_1 index=SCHEDULER\$\_WINDOW\_GROUP\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)

```
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=4130332406
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=4130332406
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17",
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=4130332406
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
```

```

"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2116467634
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```
kkoatVerifyEst(enter)
pass=2 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=4130332406
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=2 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
```



```
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2519426490
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1374367651
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1374367651
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2967875863
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2967875863
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=786159333
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=786159333
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1784582070
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1784582070
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=4130332406
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x0000000021793FC0
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B5C0
kkoatSetupQbCtx(exit): passNum=2 qbcDone=no atDone=no
pass=2 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=2 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$15")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x0000000021793FC0
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=2 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=2 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x0000000021793FC0
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=2 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=2 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$15")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000272F1E60
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=2 id=1018658903
```

```
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=2 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000272F1E60
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=2 id=242593939
kkoatVerifyEst: complete, qbName=SEL$23 pass=2 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("R01"@SEL$23")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x0000000021793FC0
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x0000000021793FC0
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=2 id=242593939
kkoatVerifyEst: complete, qbName=SEL$24 pass=2 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L01"@SEL$24")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=L01 index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x0000000021793FC0
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x0000000021793FC0
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=2 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021793FC0
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=2 id=1774487701
```

```
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=833616424
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021793FC0
  kkoatSaveJoinOrder(exit)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F196E0
  kkoatSetupQbCtx(exit): passNum=2 qbcDone=yes atDone=no
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000021793FC0
  kkoatRestoreJoinOrder(exit)
```

```
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000021793FC0
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F19810
kkoatSetupQbCtx(exit): passNum=2 qbcDone=no atDone=no
pass=2 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=998422737
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=242593939
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x0000000021793FC0
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=2 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBj1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3357484310
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
```

```

kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2359061573
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=872591775
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=872591775
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2212994445
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1774487701
kkoatGetPreds(enter)
sPreds (2) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (DI): canSamp=0 cdn=1 maxCard=-1
kkoatFindSampleTable (J): canSamp=1 cdn=25 maxCard=25
kkoatFindSampleTable(exit): tab=J
kkoatVerifyEst: sPreds =
("DI#1"."INST_ID"=USERENV('INSTANCE')) AND
("J#2"."DATABASE_ROLE"=DECODE(BITAND("DI#1"."DIFL2",32768),32768,'SNAPSHO
T STANDBY',DECODE(BITAND("DI#1"."DIFLG",33554432),33554432,'LOGICAL
STANDBY',DECODE(BITAND("DI#1"."DIFLG",1024),1024,'PHYSICAL
STANDBY','PRIMARY')))) OR "J#2"."DATABASE_ROLE" IS NULL AND
DECODE(BITAND("DI#1"."DIFL2",32768),32768,'SNAPSHOT
STANDBY',DECODE(BITAND("DI#1"."DIFLG",33554432),33554432,'LOGICAL
STANDBY',DECODE(BITAND("DI#1"."DIFLG",1024),1024,'PHYSICAL
STANDBY','PRIMARY'))))='PRIMARY')

```

kkoatVerifyEst: complete, qbName=SEL\$20EAEDCE pass=2 id=1774487701  
VEstatus=SUCCESS esttype=JOIN prelen=2 tables=("DI"@SEL\$30",  
"J"@SEL\$12") est=25.00 est\_nav=25.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=2 id=1589445222  
kkoatVerifyEst: complete, qbName=SEL\$20EAEDCE pass=2 id=1589445222  
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI"@SEL\$30",  
"J"@SEL\$12", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=2 id=2929847892  
kkoatVerifyEst: complete, qbName=SEL\$20EAEDCE pass=2 id=2929847892  
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL\$30",  
"J"@SEL\$12", "CO"@SEL\$12", "JO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_1 index=I\_USER# estType=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_1 index=I\_USER# estType=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_1 index=I\_USER2 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_1 index=I\_USER2 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=2 id=2783780764  
kkoatVerifyEst: complete, qbName=SEL\$20EAEDCE pass=2 id=2783780764  
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL\$30",  
"J"@SEL\$12", "CO"@SEL\$12", "JO"@SEL\$12", "JU"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=2 id=3026374703  
kkoatVerifyEst: complete, qbName=SEL\$20EAEDCE pass=2 id=3026374703  
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL\$30",  
"J"@SEL\$12", "CO"@SEL\$12", "JO"@SEL\$12", "JU"@SEL\$12", "DI2"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ1 estType=SCAN

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3114890371
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3114890371
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2968823243
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2783780764
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2116467634
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2116467634
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=629997836
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1970400506
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1970400506
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3357484310
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3211417182
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2359061573
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2359061573
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=872591775
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2212994445
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1241016676
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1055974197
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2396376867
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2581419346
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2581419346
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2396376867
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1582996609
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1436929481
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1436929481
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=813380258
  kkoatGetPreds(enter)
    sPreds (1) =          nsPreds (0) =    kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (J): canSamp=1 cdn=25 maxCard=25
  kkoatFindSampleTable (CO): canSamp=1 cdn=75222 maxCard=75222
  kkoatFindSampleTable(exit): tab=CO
  kkoatVerifyEst: sPreds = ("J#2"."CLASS_OID"="CO#3"."OBJ#")
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=813380258
VEstatus=SUCCESS esttype=JOIN prelen=2 tables=("J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2153782928
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2153782928
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```

pass=2 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2783780764
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2250309739
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2338825407
kkoatGetPreds(enter)
sPreds (1) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (J): canSamp=1 cdn=25 maxCard=25
kkoatFindSampleTable (SYS_ALIAS_2): canSamp=1 cdn=75222 maxCard=75222
kkoatFindSampleTable(exit): tab=SYS_ALIAS_2
kkoatVerifyEst: sPreds = ("J#2"."OBJ#"="SYS_ALIAS_2#5"."OBJ#")
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2338825407
VEstatus=SUCCESS estttype=JOIN prelen=2 tables=("J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2153782928
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS

```

```
kkoatVerifyEst(enter)
pass=2 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2192758279
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=2 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1832039161
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3357484310
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2359061573
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1774487701
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1589445222
Vestatus=PASSNUM esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2929847892
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3114890371
Vestatus=PASSNUM esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=2 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2929847892
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2116467634
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1018658903
VEstatus=CARTPROD estttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2017081640
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3357484310
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=2 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2359061573
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1241016676
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1241016676
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1055974197
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=2 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2396376867
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2581419346
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2581419346
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2396376867
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=2 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1582996609
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2153782928
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=2 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2929847892
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2396376867
Vestatus=SIMPJOIN esttype=JOIN prelen=4 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2338825407
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2338825407
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2153782928
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2396376867
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x0000000021793FC0
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1340402670
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=4148900168
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=2 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=998422737
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=242593939
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x00000000271CC058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=2 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=2 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3357484310
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2359061573
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2783780764
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3114890371
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3114890371
Vestatus=PASSNUM esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2929847892
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
```



```
pass=2 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=2 id=629997836
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=629997836
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1970400506
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=2 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3357484310
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2359061573
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1241016676
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1055974197
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2396376867
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2250309739
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2581419346
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2581419346
Vestatus=PASSNUM esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2396376867
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=2 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1582996609
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=2 id=96526811
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1436929481
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2153782928
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```



```
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2007715800
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2783780764
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2250309739
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2338825407
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2338825407
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2153782928
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2153782928
Vestatus=PASSNUM esttype=JOIN prelen=3 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2192758279
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3114890371
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3114890371
Vestatus=PASSNUM esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2929847892
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)

```

```
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1018658903
VEstatus=CARTPROD estttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2017081640
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1832039161
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3357484310
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3357484310
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1241016676
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3357484310
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3357484310
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1055974197
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1832039161
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2396376867
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2581419346
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2581419346
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3357484310
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2396376867
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1582996609
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1774487701
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=2 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("J"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=2 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=2 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3114890371
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3114890371
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("J"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=2 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("J"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2153782928
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2338825407
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2338825407
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3114890371
```



```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3114890371
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("J"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2153782928
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=2 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=2929847892
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3172441831
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x00000000271CC058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F19C00
kkoatSetupQbCtx(exit): passNum=2 qbcDone=no atDone=no
pass=2 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=4148900168
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=4109924817
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=998422737
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=998422737
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=776064964
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=776064964
VEstatus=NOROWS estttype=TABLE prelen=1 tables=("L"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=242593939
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x000000002717A750
kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=2 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1628420573
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse: clear stale, estCtx=(@0x0000000016E8BDD8)
needFix=TRUE
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=2 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=2 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=872591775
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=2 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1774487701
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1628420573
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=2 id=1871014512
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=2 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=2 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31, "PO"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=872591775
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("L"@SEL$31,
"PO"@SEL$31, "LO"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31,
"PO"@SEL$31, "LO"@SEL$31, "LCO"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31,
"PO"@SEL$31, "LO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=833616424
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=591022485
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("L"@SEL$31",
"LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1628420573
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=2 id=1871014512
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=2 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=872591775
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=2 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
  new_est=22.09
  kkoatVerifyEst(enter)
  pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
  new_est=22.09
  kkoatVerifyEst(enter)
  pass=2 id=687549296
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=591022485
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=2 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x000000002717A750
```

```
kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=2 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LO"@SEL$31)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LU"@SEL$31)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=998422737
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=776064964
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=242593939
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x0000000027294028
kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=2 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31, "LO"@SEL$31)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1628420573
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1443378094
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=872591775
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=687549296
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1774487701
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1628420573
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=872591775
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("L"@SEL$31",
"PO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"PO"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"PO"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("L"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1628420573
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccReUse(exit)
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
    kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
    kkoatVerifyIdxAccReUse(exit)
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=1871014512
    kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=1685972033
    kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=1443378094

```



```
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=872591775
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=96526811
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=3963857689
Vlstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=444955357
Vlstatus=PASSNUM esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1443378094
Vlstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
```

```

kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS

```

```
kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=591022485
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1443378094
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
```



```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=629997836
Vlstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1628420573
Vlstatus=PASSNUM esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=872591775
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1871014512
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=96526811
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=96526811
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LO"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@ "SEL$31",
"LU"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LO"@ "SEL$31",
"LU"@ "SEL$31", "L"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@ "SEL$31",
"LU"@ "SEL$31", "L"@ "SEL$31", "LCO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=4206451628
Vlstatus=CARTPROD esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=591022485
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=3963857689
Vlstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=444955357
Vlstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=2 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=591022485
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"L"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=3963857689
Vlstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=444955357
Vlstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "L"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1443378094
Vlstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "L"@ "SEL$31", "LCO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$31 pass=2 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x0000000027294028
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000016E8AB58
  kkoatSetupQbCtx(exit): passNum=1 qbcDone=no atDone=no
  pass=1 id=402958856
  kkoatGetPreds(enter)
    sPreds (3) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable(A): canSamp=1 cdn=0 maxCard=0
  kkoatFindSampleTable(exit): tab=A
  kkoatVerifyEst: sPreds = (BITAND("A"."PROPERTY",6)=4) AND
("A"."ADVISOR_NAME" LIKE :B1) AND ("A"."NAME" LIKE :B2)
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=402958856
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=4148900168
  kkoatGetPreds(enter)
    sPreds (1) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable(A): canSamp=1 cdn=0 maxCard=0
  kkoatFindSampleTable(exit): tab=A
  kkoatVerifyEst: sPreds = ("A"."NAME"='DAYS_TO_EXPIRE')
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc: creating estim for type=1024
  kkoatVerifyIdxAcc: creating estim for type=1025
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
```



```
kkoatVerifyIdxAcc: clear stale, estCtx=(@0x0000000016E8A560)
needFix=FALSE
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=4109924817
  kkoatGetPreds(enter)
    sPreds (1) =          nsPreds (0) =    kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (A): canSamp=1 cdn=0 maxCard=0
  kkoatFindSampleTable(exit): tab=A
kkoatVerifyEst: sPreds = ("A"."NAME"='INSTANCE')
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc: creating estim for type=1024
kkoatVerifyIdxAcc: creating estim for type=1025
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc: clear stale, estCtx=(@0x0000000016E8A440)
needFix=FALSE
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=998422737
  kkoatGetPreds(enter)
    sPreds (1) =          nsPreds (0) =    kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (A): canSamp=1 cdn=0 maxCard=0
  kkoatFindSampleTable(exit): tab=A
kkoatVerifyEst: sPreds = ("A"."NAME"='DB_ID')
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=998422737
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kestsacAddEstCtx(): resizing hash table to 32 entries
  kkoatVerifyIdxAcc: creating estim for type=1024
  kkoatVerifyIdxAcc: creating estim for type=1025
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc: clear stale, estCtx=(@0x0000000016E8A1D8)
needFix=TRUE
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x000000002717A750
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
```

```
pass=1 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1179023820
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1421617759
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1421617759
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2762020429
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=3760443166
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3760443166
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2615953301
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2615953301
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3614376038
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V Istatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=2420040496
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2420040496
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@ "SEL$5", "J"@ "SEL$2",
"JL"@ "SEL$1", "A"@ "SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V Istatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V Istatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V Istatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V Istatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V Istatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V Istatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3760443166
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3760443166
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@ "SEL$5", "J"@ "SEL$2",
"JL"@ "SEL$1", "A"@ "SEL$11", "E"@ "SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V Istatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V Istatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@ "SEL$5", "J"@ "SEL$2",
"JL"@ "SEL$1", "A"@ "SEL$11", "E"@ "SEL$5", "A"@ "SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V Istatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$9", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2273973368
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2273973368
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=1236575280
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1236575280
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$9", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$9", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
```

```
kkoatVerifyEst(enter)
pass=1 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$9", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$9", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1090508152
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$9", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$9", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=1275550631
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1275550631
Vstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2615953301
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2615953301
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
```



```
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=2273973368
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2273973368
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1090508152
Vlstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$7", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$7", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1", "A"@SEL$7", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2519426490
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2762020429
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=3760443166
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3760443166
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=3575400687

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2615953301
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2615953301
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2430910822
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$9")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3517849227
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=3760443166
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3760443166
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$9")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=3614376038
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3371782099
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3371782099
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2334384011
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2576977950
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2373359362
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2373359362
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2615953301
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2615953301
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=3371782099
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3371782099
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "A"@SEL$9", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$9", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
```

```
kkoatVerifyEst(enter)
pass=1 id=2177446557
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2177446557
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2420040496
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2420040496
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3760443166
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3760443166
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3614376038
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2234998017
Vlstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2273973368
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2273973368
Vlstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
```

```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=3517849227
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3517849227
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=3760443166
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3760443166
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=1 id=3575400687
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=1 id=3614376038
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER

```



```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
Vlstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$9", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3371782099
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3371782099
Vlstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3614376038
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1992404078
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=1 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=2031379429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2031379429
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2273973368
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2273973368
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3371782099
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3371782099
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=1846336950
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
  VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7", "A"@SEL$9", "JL"@SEL$1")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
  table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
  table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
  table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
  table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
  table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
  table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
  VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7", "A"@SEL$9", "E"@SEL$5")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
  VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
  table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
  table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
  pass=1 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=993981341
  VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1236575280
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1236575280
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```



```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=1 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=1 id=3429333559  
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$9", "JL"@SEL\$1", "A"@SEL\$11", "E"@SEL\$5", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=1 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=1 id=2088930889  
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$9", "JL"@SEL\$1", "A"@SEL\$11", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=1 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=1 id=3429333559  
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$9", "JL"@SEL\$1", "A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1090508152
Vlstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2334384011
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=2430910822

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1992404078
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2234998017
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2088930889
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3575400687
```



kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=1 id=3575400687  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$9", "A"@SEL\$11", "E"@SEL\$5", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=1 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=1 id=3429333559  
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$9", "A"@SEL\$11", "E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=1 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=1 id=3186739620  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$9", "A"@SEL\$11", "E"@SEL\$5", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=1 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=1 id=3429333559  
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$9", "A"@SEL\$11", "E"@SEL\$5", "A"@SEL\$7", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=1 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=1 id=1846336950  
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$9", "A"@SEL\$11", "A"@SEL\$7")

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=1 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=847914213
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1090508152
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=217916377
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=993981341
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=993981341
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1236575280
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1236575280
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=256891728
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1032956692
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1032956692
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1275550631
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1275550631
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2615953301
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2615953301
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=1401381593
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1401381593
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1846336950
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1458933053
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=1 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2234998017
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1992404078
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1992404078
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2234998017
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=1255314465
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1255314465
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2595717135
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2595717135
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2838311074
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2838311074
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=217916377
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=256891728
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1255314465
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```



```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=217916377
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2556741784
Vstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
Vstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1458933053
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=1 id=1312865925  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=1 id=1312865925  
Vlstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=1 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=1 id=2653268595  
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "A"@SEL\$7", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=1 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=1 id=3429333559  
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=1 id=256891728  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=1 id=256891728  
Vlstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL\$7", "A"@SEL\$5")  
kkoatVerifyEst(exit)

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=71849249
Vstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
Vstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
Vstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=217916377
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=993981341
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=993981341
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1992404078
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2234998017
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
```



```
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2334384011
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2188316883
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=1 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=847914213
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2088930889
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2430910822
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=256891728
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=71849249
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=847914213
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$11")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=645552795
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=645552795
Vestatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1421617759
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1421617759
Vestatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2762020429
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=3760443166
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3760443166
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3614376038
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2615953301
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2615953301
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=2420040496
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2420040496
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3760443166
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3760443166
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3614376038
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2273973368
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2273973368
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=1236575280
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1236575280
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1090508152
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=2430910822
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
pass=1 id=2088930889
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$7", "A"@SEL$11")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=1 id=1275550631
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1275550631
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$7")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN

```



```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2615953301
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2615953301
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=217916377
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=460510316
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=460510316
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1236575280
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2576977950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=256891728
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=499485667
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=499485667
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1275550631
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1275550631
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2615953301
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2615953301
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x000000002717A750
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=1 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=402958856
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1340402670
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=4148900168
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): V!status=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=4109924817
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("A"@SEL$9") est=0.29
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): V!status=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=998422737
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_PARAMETERS_PK estType=SKIP_SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x00000000273E7FD8
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=1 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1179023820
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=993981341
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1992404078
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS

```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=1 id=1236575280
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1236575280
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2576977950
V!status=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
V!status=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER

```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1090508152
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=2088930889
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2334384011
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```



```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=847914213
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=847914213
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1090508152
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2188316883
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=2177446557
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2177446557
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1992404078
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2420040496
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2420040496
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2234998017
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3760443166
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3760443166
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=2273973368
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2273973368
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3517849227
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3517849227
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3760443166
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3760443166
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3371782099
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3371782099
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2031379429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2031379429
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7", "A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7", "A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2273973368
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2273973368
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=217916377
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=993981341
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1992404078
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```



```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=256891728
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1032956692
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1032956692
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=847914213
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=847914213
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
```

```
pass=1 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=1401381593
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1401381593
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=217916377
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=1216339114
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=256891728
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1255314465
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=1070271986
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=217916377
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=256891728
Vestatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=71849249
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=217916377
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2556741784
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=256891728
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=1 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=71849249
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
pass=1 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
V!status=PASSNUM estttype=JOIN prelen=5 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$9", "A"@ "SEL$11", "E"@ "SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$9", "A"@ "SEL$11", "E"@ "SEL$5", "JL"@ "SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
V!status=PASSNUM estttype=JOIN prelen=7 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$9", "A"@ "SEL$11", "E"@ "SEL$5", "JL"@ "SEL$1", "J"@ "SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$9", "A"@ "SEL$11", "E"@ "SEL$5", "J"@ "SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
V!status=PASSNUM estttype=JOIN prelen=7 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$9", "A"@ "SEL$11", "E"@ "SEL$5", "J"@ "SEL$2", "JL"@ "SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=645552795
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=645552795
V!status=PASSNUM estttype=JOIN prelen=2 tables=("A"@ "SEL$5", "JL"@ "SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1985955465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1985955465
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2762020429
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=3760443166
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3760443166
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=217916377
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=460510316
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=460510316
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1800912986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=256891728
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=499485667
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=499485667
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1839888337
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1839888337
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2615953301
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2615953301
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x00000000273E7FD8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=1 id=402958856
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=4109924817
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=0.29
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
    kkoatVerifyEst(enter)
  pass=1 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x00000000273E7FD8
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=1 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=217916377
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
  pass=1 id=1216339114
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1458933053
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1312865925
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1992404078
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1992404078
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2234998017
Vlstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2088930889
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=71849249
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1846336950
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1412251919
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1412251919
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2430910822
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=1 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=1 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=314443188
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=314443188
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1654845858
V!status=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
V!status=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1090508152
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
V!status=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=847914213
V!status=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=1846336950
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1090508152
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=3429333559

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1558319047
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1558319047
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
```

```
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1412251919
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
  VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1654845858
  VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
  VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2430910822
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=256891728
Vestatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=71849249
Vestatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1401381593
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@ "SEL$5", "A"@ "SEL$11",
"A"@ "SEL$9", "A"@ "SEL$7", "E"@ "SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@ "SEL$5", "A"@ "SEL$11",
"A"@ "SEL$9", "A"@ "SEL$7", "E"@ "SEL$5", "JL"@ "SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@ "SEL$5", "A"@ "SEL$11",
"A"@ "SEL$9", "A"@ "SEL$7", "E"@ "SEL$5", "JL"@ "SEL$1", "J"@ "SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@ "SEL$5", "A"@ "SEL$11",
"A"@ "SEL$9", "A"@ "SEL$7", "E"@ "SEL$5", "J"@ "SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@ "SEL$5", "A"@ "SEL$11",
"A"@ "SEL$9", "A"@ "SEL$7", "E"@ "SEL$5", "J"@ "SEL$2", "JL"@ "SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=217916377
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=217916377
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=256891728
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=1255314465
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1255314465
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=217916377
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=1070271986
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```

kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=256891728
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=71849249
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03

```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=645552795
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=645552795
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1985955465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1985955465
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2762020429
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03

```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3760443166
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3760443166
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=217916377
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=460510316
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=460510316
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1800912986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2576977950
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=256891728
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=499485667
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=499485667
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1839888337
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1839888337
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2615953301
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2615953301
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x00000000273E7FD8
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=2 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=2 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=2 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000023157518
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=2 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=2 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000023157518
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000023157518
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000023157518
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A500
kkoatSetupQbCtx(exit): passNum=2 qbcDone=no atDone=no
pass=2 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
    kkoatVerifyEst(enter)
    pass=2 id=1340402670
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
    kkoatVerifyEst(enter)
    pass=2 id=4109924817
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=2 id=998422737
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=2 id=776064964
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=2 id=242593939
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000023157518
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyEst(enter)
    pass=2 id=96526811
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=2 id=872591775
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1436929481
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2435352218
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1094949548
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=872591775
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1970400506
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```



```
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1628420573
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2212994445
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2192758279
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2783780764
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=852355609
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000023157518
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=2 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=2 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=2 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=776064964
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=776064964
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=242593939
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("DI2"@SEL$30)
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x00000000274EC058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=2 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=96526811
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=872591775
VEstatus=CARTPROD estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1436929481
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2435352218
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=2 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1970400506
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1628420573
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=2968823243
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2968823243
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=3211417182
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=2783780764
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS

```

```
kkoatVerifyEst(enter)
pass=2 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2192758279
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2435352218
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2968823243
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=2 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1436929481
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2192758279
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2968823243
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2007715800
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2250309739
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x00000000274EC058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F18840
  kkoatSetupQbCtx(exit): passNum=2 qbcDone=no atDone=no
  pass=2 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=2 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=2 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000023157518
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=2 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
  new_est=22.09
  kkoatVerifyEst(enter)
  pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
  new_est=22.09
  kkoatVerifyEst(enter)
```

```
pass=2 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
    pass=2 id=687549296
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
    pass=2 id=1589445222
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
    pass=2 id=833616424
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=833616424
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=2 id=57551460
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=2 id=57551460
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000023157518
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
    pass=2 id=4109924817
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=2 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
pass=2 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000216C4028
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
```



```

table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=2 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)

```

```
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
    pass=2 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=4206451628
Vlstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=2 id=591022485
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=591022485
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=2 id=444955357
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=444955357
Vlstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
    pass=2 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1443378094
Vlstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
    pass=2 id=687549296
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=833616424
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=833616424
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=57551460
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
```



```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000216C4028
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=1 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1340402670
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=998422737
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000023157518
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=1 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=217916377
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=1558319047
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1558319047
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2334384011
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1800912986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```



```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2576977950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1412251919
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2188316883
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1654845858
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=1 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)

```

```
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=3332806748
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=3575400687
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=1 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=1 id=3186739620

```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1458933053
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=1 id=3429333559  
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "E"@SEL\$5", "J"@SEL\$2", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=1 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=1 id=2653268595  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=1 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=1 id=3429333559  
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$7", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=1 id=2234998017  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=1 id=2234998017  
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=1 id=3575400687  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=1 id=3575400687  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "J"@SEL\$2", "E"@SEL\$5")

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")

```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```



```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=993981341
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2334384011
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
```

```

table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
V!status=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
V!status=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2576977950
V!status=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2188316883
V!status=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3186739620

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=256891728
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=71849249
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1412251919
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1412251919
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1401381593
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```



```
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2556741784
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
  VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
  VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
  VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
  VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
  VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1458933053
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=217916377
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=256891728
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1255314465
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=217916377
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=1 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
Vlstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=256891728
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=71849249

```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=71849249
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=217916377
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2556741784
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
Vlstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=256891728
Vestatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=71849249
Vestatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=1 id=1421617759
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1421617759
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2519426490
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2762020429
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=3517849227
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3517849227
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2334384011
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2373359362
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2373359362
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=2177446557
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2177446557
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2420040496
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2420040496
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3517849227
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3517849227
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1992404078
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=2031379429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2031379429
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=217916377
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1236575280
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=256891728
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1032956692
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1032956692
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1275550631
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1275550631
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000023157518
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=2 id=776064964
```



```
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=242593939
kkoatVerifyEst: complete, qbName=SEL$52271521 pass=2 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21") est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x0000000027C06C58
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x0000000027C06C58
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=2 id=242593939
kkoatVerifyEst: complete, qbName=SEL$44902B2C pass=2 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=CANDFRO
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x0000000027C06AE8
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x0000000027C06AE8
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=2 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000027796F50
  kkoatRestoreJoinOrder(exit)
```

```
kkoatVerifyEst(enter)
pass=2 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000027796F50
kkoatSaveJoinOrder(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000027796F50
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000027796F50
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=2 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=2 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=2 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027791E98
kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=2 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1436929481
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2212994445
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1871014512
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1970400506
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=2 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1628420573
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1436929481
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2192758279
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2007715800
```



```
kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=2 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyEst(enter)
pass=2 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyEst(enter)
pass=2 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027434028
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyEst(enter)
pass=2 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=2 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1871014512
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1871014512
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1436929481
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=CARTPROD estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=2435352218
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=3211417182
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=2250309739
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=1094949548
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
    kkoatVerifyEst(exit)

```



```
kkoatVerifyEst(enter)
pass=2 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1871014512
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1970400506
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=2 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1628420573
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1970400506
VEstatus=CARTPROD estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2968823243
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2192758279
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3026374703
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=852355609
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=2 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=2 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2968823243
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2192758279
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=2 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2435352218
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2968823243
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
```





```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=2 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
pass=2 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000022FEC058
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
pass=2 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1443378094
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1685972033
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=2 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=687549296
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1685972033
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=2 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=2 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1589445222
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=2 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=833616424
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000022FEC058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=2 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=2 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
```

```
kkoatVerifyEst(enter)
pass=2 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=998422737
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=776064964
VEstatus=NOROWS estttype=TABLE prelen=1 tables=("L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=242593939
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("PO"@SEL$31") est=27.53
est_nav=27.53 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000232E8040
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyEst(enter)
pass=2 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=3963857689
VEstatus=TABESTMISS estttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=444955357
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1443378094
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1685972033
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=687549296
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=2 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```



```
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=833616424
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=591022485
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=444955357
Vlstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1443378094
Vlstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=833616424
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000232E8040
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=1 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
est_nav=8.84 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=998422737
Vestatus=EXISTS esttype=TABLE prelen=1 tables=("A"@ "SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000023214028
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=217916377
Vestatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@ "SEL$9", "A"@ "SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1216339114
Vestatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$11")
  kkoatVerifyEst(exit)
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```



```

    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
    pass=1 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=1 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=1 id=2799335723
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=1 id=3575400687
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
    pass=1 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)

```

```
kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1992404078
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1458933053
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```



```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1312865925
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=1558319047
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1558319047
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3332806748
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
  VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
  VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
  VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
  VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
  VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2334384011
  VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1800912986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2576977950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=1 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1412251919
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1412251919
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2188316883
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1654845858
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1992404078
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=3332806748
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=3575400687
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=1 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=2234998017
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)

```



```
kkoatVerifyEst(enter)
pass=1 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=256891728
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=71849249
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1401381593
  VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1216339114
  VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
  VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1458933053
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1992404078
Vestatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1846336950
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=217916377
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=256891728
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1255314465
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=217916377
Vestatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3186739620
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
  VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
  VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
  VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
  VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
  VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=1 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=1 id=3429333559  
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=1 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=1 id=1070271986  
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=1 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=1 id=2410674656  
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=1 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=1 id=3186739620  
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2")

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=256891728
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=1 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=71849249
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
pass=1 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=217916377
Vestatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1216339114
Vstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2556741784
Vstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
Vstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
  VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
  VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
  VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
  VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
  VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```



```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=256891728
Vestatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=71849249
Vestatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1421617759
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1421617759
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2519426490
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2762020429
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=3517849227
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3517849227
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2334384011
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2373359362
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2373359362
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=2177446557
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2177446557
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2420040496
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2420040496
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3517849227
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1992404078
Vstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2031379429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2031379429
Vstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=217916377
Vstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=993981341
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=993981341
Vstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1236575280
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1236575280
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=256891728
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1032956692
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1032956692
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1275550631
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1275550631
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000023214028
kkoatSaveJoinOrder(exit)
kkoatInitCtx(enter): ctxP=0x000007FF0D1B6078 roundNum=2
kkoatInitCtx(exit): timeSlice=3260
kkoatVerifyEst(enter)
pass=2 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=2 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35) est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=2 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001E506808
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=2 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001E506808
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E56BAB0
    kkoatStatsCollectTab(enter): froP=0x0000000016EBA3A8
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EBA3A8
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x0000000016EBA6A8
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17680 froP=0x0000000016EBA6A8
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NS0_1"@SEL$3CE29736", "E"@SEL$33")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NS0_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NS0_1"@SEL$3CE29736")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NS0_1"@SEL$3CE29736",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
  kkoatVerifyEst(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E56C990
    kkoatStatsCollectTab(enter): froP=0x0000000016EC4860
```

```
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EC4860
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016EC4DB8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17680 froP=0x0000000016EC4DB8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E5969C8
kkoatStatsCollectTab: skip fro=000000001E5969C8
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=2 id=242593939
kkoatVerifyEst: complete, qbName=SEL$19 pass=2 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("WM"@ "SEL$19") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AE78
jop=0x000000001E506808
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AE78
jop=0x000000001E506808
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E52A4F8
kkoatStatsCollectTab(enter): froP=0x000000001E52A170
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17780 froP=0x000000001E52A170
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=2 id=776064964
```

kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=2 id=776064964  
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U"@SEL\$18")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER1 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER1 estType=FILTER  
kkoatVerifyIdxAcc: using access estimate for filter  
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS  
kkoatVerifyEst(enter)  
pass=2 id=2113250766  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=2 id=2113250766  
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("W"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=2 id=1593508212  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=2 id=1593508212  
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WG"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=2 id=598302687  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=2 id=598302687  
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=2 id=402958856  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=2 id=402958856  
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMU"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=2 id=1340402670  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=2 id=1340402670  
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMO"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=2 id=4148900168  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=2 id=4148900168  
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMU"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=2 id=4109924817  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=2 id=4109924817  
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMO"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=2 id=998422737  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=2 id=998422737  
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J1"@SEL\$18")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=2 id=242593939  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=2 id=242593939  
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL\$18")

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x000000001E506808
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=4130332406
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=4130332406
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=2 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3585495056
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3585495056
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
```

```
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17", "CMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3367578679
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3367578679
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3182536200
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```



```

    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=2 id=3036469072
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=2 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=2 id=1179023820
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=2 id=2519426490
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2519426490
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
    kkoatVerifyEst(exit)

```

```
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=4130332406
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=4130332406
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```
kkoatVerifyEst(enter)
pass=2 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=4130332406
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=2 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
```

```
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2116467634
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=4130332406
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=4130332406
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3182536200
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
```



```

    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=3036469072
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=1179023820
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```
kkoatVerifyEst(enter)
pass=2 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2519426490
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1374367651
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1374367651
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2967875863
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2967875863
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=786159333
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=786159333
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1784582070
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1784582070
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18", "CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=4130332406
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1428873322
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=2027176009
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1842133530
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=1696066402
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=3036469072
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=2 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=2116467634

```

kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=2 id=2116467634  
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL\$18",  
"WMO"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AFA8  
joP=0x000000001E506808  
kkoatSaveJoinOrder(exit)  
kkoatStatsCollect(enter): qbcP=0x000000001E516AD0  
kkoatStatsCollectTab(enter): froP=0x000000001E52B980  
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810  
lobjCtxP=0x0000000012F17580 froP=0x000000001E52B980  
kkoatTabStatsVerify(exit): statState=OKAY  
kkoatStatsCollectTab(exit)  
kkoatStatsCollectTab(enter): froP=0x000000001E52BBE0  
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810  
lobjCtxP=0x0000000012F17870 froP=0x000000001E52BBE0  
kkoatTabStatsVerify(exit): statState=OKAY  
kkoatStatsCollectTab(exit)  
kkoatStatsCollectTab(enter): froP=0x000000001E52BFC8  
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810  
lobjCtxP=0x0000000012F17968 froP=0x000000001E52BFC8  
kkoatTabStatsVerify(exit): statState=OKAY  
kkoatStatsCollectTab(exit)  
kkoatStatsCollectTab(enter): froP=0x000000001E510500  
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810  
lobjCtxP=0x0000000012F17580 froP=0x000000001E510500  
kkoatTabStatsVerify(exit): statState=OKAY  
kkoatStatsCollectTab(exit)  
kkoatStatsCollectTab(enter): froP=0x000000001E5107F0  
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810  
lobjCtxP=0x0000000012F17870 froP=0x000000001E5107F0  
kkoatTabStatsVerify(exit): statState=OKAY  
kkoatStatsCollectTab(exit)  
kkoatStatsCollectTab(enter): froP=0x000000001E510AE0  
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810  
lobjCtxP=0x0000000012F17580 froP=0x000000001E510AE0  
kkoatTabStatsVerify(exit): statState=OKAY  
kkoatStatsCollectTab(exit)  
kkoatStatsCollectTab(enter): froP=0x000000001E510FA0  
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810  
lobjCtxP=0x0000000012F17870 froP=0x000000001E510FA0  
kkoatTabStatsVerify(exit): statState=OKAY  
kkoatStatsCollectTab(exit)  
kkoatStatsCollectTab(enter): froP=0x000000001E5115A0  
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810  
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E5115A0  
kkoatTabStatsVerify(exit): statState=OKAY  
kkoatStatsCollectTab(exit)  
kkoatStatsCollectTab(enter): froP=0x000000001E5118A0  
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810  
lobjCtxP=0x0000000012F17780 froP=0x000000001E5118A0  
kkoatTabStatsVerify(exit): statState=OKAY  
kkoatStatsCollectTab(exit)  
kkoatStatsCollectTab(enter): froP=0x000000001E511B60

```
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17A68 froP=0x000000001E511B60
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=2 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=2 id=776064964
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("D"@SEL$15")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x000000001E506808
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=2 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=2 id=1018658903
VEstatus=NOROWS estttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x000000001E506808
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=2 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=2 id=776064964
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("D"@SEL$15")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x0000000022F666D0
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=2 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=2 id=1018658903
VEstatus=NOROWS estttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x0000000022F666D0
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E4F51A8
kkoatStatsCollectTab(enter): froP=0x000000001E516DE0
kkoatStatsCollectTab: skip fro=000000001E516DE0
kkoatStatsCollectTab(enter): froP=0x000000001E517330
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001E517330
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=2 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=4109924817
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=998422737
```





```
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26", "U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=833616424
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "O"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=2017081640
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=591022485
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=833616424
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=833616424
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=591022485
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=813380258
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=2 id=813380258
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("U"@SEL$26",
"O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x000000001E506808
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E570430
  kkoatStatsCollectTab(enter): froP=0x000000001E54C648
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E54C648
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E54C948
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E54C948
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E54CC38
```

```
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E54CC38
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E54CF80
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E54CF80
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=2 id=776064964
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=2 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$28")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=242593939
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=2 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$28") est=0.02
est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x000000001E506808
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=2 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$28", "O"@SEL$28")
est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x000000001E506808
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E5AF658
kkoatStatsCollectTab(enter): froP=0x000000001E5455F0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E5455F0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E5458E0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E5458E0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=2 id=242593939
```

```
kkoatVerifyEst: complete, qbName=SEL$23 pass=2 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("R01"@SEL$23")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x000000001E506808
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x000000001E506808
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E572E20
  kkoatStatsCollectTab(enter): froP=0x000000001E572398
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E572398
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=2 id=242593939
kkoatVerifyEst: complete, qbName=SEL$24 pass=2 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L01"@SEL$24")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=L01 index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x000000001E506808
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x000000001E506808
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E571FB8
  kkoatStatsCollectTab(enter): froP=0x000000001E5715C0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17C70 froP=0x000000001E5715C0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=2 id=242593939
kkoatVerifyEst: complete, qbName=SEL$21 pass=2 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BB28
joP=0x000000001E506808
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BB28
joP=0x000000001E506808
```

```
kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbCp=0x000000001E522ED0
  kkoatStatsCollectTab(enter): froP=0x000000001E57B668
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17968 froP=0x000000001E57B668
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=2 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$22 pass=2 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x000000001E506808
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x000000001E506808
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbCp=0x000000001E57B280
  kkoatStatsCollectTab(enter): froP=0x000000001E573AC8
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001E573AC8
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=2 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000001E506808
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=2 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1832039161
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=591022485
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=591022485
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("U1"@SEL$20",
"J1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1589445222
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1832039161
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=833616424
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=833616424
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=2 id=1832039161
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "O1"@SEL$20")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000001E506808
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E528780
kkoatStatsCollectTab(enter): froP=0x000000001E570740
kkoatStatsCollectTab: skip fro=000000001E570740
kkoatStatsCollectTab(enter): froP=0x000000001E570A30
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E570A30
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E573130
kkoatStatsCollectTab: skip fro=000000001E573130
kkoatStatsCollectTab(enter): froP=0x000000001E5231E0
kkoatStatsCollectTab: skip fro=000000001E5231E0
kkoatStatsCollect(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x000000001E506808
kkoatRestoreJoinOrder(exit)
```

```
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x000000001E506808
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x0000000016F031E8
kkoatStatsCollectTab(enter): froP=0x0000000016F02E00
kkoatStatsCollectTab: skip fro=0000000016F02E00
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=2 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=2 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=2 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x000000001E506808
kkoatRestoreJoinOrder(exit)
```



```
kkoatVerifyEst(enter)
pass=2 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1871014512
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1436929481
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=CARTPROD estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2435352218
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=2 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1871014512
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1970400506
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2968823243
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1628420573
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2192758279
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x000000001E506808
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=2 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=2 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=2 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30") est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x000000002749C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=2 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2212994445
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1871014512
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1436929481
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=2 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```



```
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1970400506
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1970400506
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2968823243
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1628420573
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=2 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2192758279
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2968823243
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2007715800
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=2 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2435352218
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2192758279
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2192758279
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
      pass=2 id=2007715800
      kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
        pass=2 id=2250309739
        kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
      kkoatVerifyEst(exit)
        kkoatVerifyEst(enter)
          pass=2 id=3026374703
          kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
        kkoatVerifyEst(exit)
          kkoatVerifyEst(enter)
            pass=2 id=2783780764
            kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
          kkoatVerifyEst(exit)
            kkoatVerifyEst(enter)
              pass=2 id=852355609
              kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
            kkoatVerifyEst(exit)
              kkoatVerifyEst(enter)
                pass=2 id=852355609
                kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
              kkoatVerifyEst(exit)
                kkoatVerifyEst(enter)
                  pass=2 id=852355609
                  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
                kkoatVerifyEst(exit)
                  kkoatVerifyEst(enter)
                    pass=2 id=852355609
                    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
                  kkoatVerifyEst(exit)
                    kkoatVerifyEst(enter)
                      pass=2 id=852355609
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=2 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
  jobjCtxP=0x000000002749C058
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x0000000016EB5BA8
  kkoatStatsCollectTab(enter): froP=0x000000001E4FF428
  kkoatStatsCollectTab: skip fro=000000001E4FF428
  kkoatStatsCollectTab(enter): froP=0x000000001E4FF718
  kkoatStatsCollectTab: skip fro=000000001E4FF718
  kkoatStatsCollectTab(enter): froP=0x0000000016EFE7E8
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
  lobjCtxP=0x0000000012F17968 froP=0x0000000016EFE7E8
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016EFEAD8
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
  lobjCtxP=0x0000000012F17580 froP=0x0000000016EFEAD8
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016EFED60
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
  lobjCtxP=0x0000000012F17870 froP=0x0000000016EFED60
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016EFF118
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
  lobjCtxP=0x0000000012F17580 froP=0x0000000016EFF118
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
  pass=2 id=4109924817
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=2 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
pass=2 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x000000001E506808
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
pass=2 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=2 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=2 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=2 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1589445222
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=2 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=833616424
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x000000001E506808
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=2 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=2 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
```

```
kkoatVerifyEst(enter)
pass=2 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=998422737
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=776064964
VEstatus=NOROWS estttype=TABLE prelen=1 tables=("L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=242593939
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("PO"@SEL$31") est=27.53
est_nav=27.53 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000275B4028
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyEst(enter)
pass=2 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=3963857689
VEstatus=TABESTMISS estttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=444955357
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1443378094
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1685972033
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=687549296
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```



```
pass=2 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=444955357
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=833616424
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=591022485
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=444955357
Vlstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1443378094
Vlstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=1589445222
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=833616424
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=2 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
  jobjP=0x00000000275B4028
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x0000000016EFCFA0
  kkoatStatsCollectTab(enter): froP=0x000000001CFEB2F8
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
  lobjCtxP=0x0000000012F17580 froP=0x000000001CFEB2F8
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001CFEB600
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
  lobjCtxP=0x0000000012F17B70 froP=0x000000001CFEB600
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001CFEB8F0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
  lobjCtxP=0x0000000012F17580 froP=0x000000001CFEB8F0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001CFEBBE0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
  lobjCtxP=0x0000000012F17870 froP=0x000000001CFEBBE0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001CFEC040
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
  lobjCtxP=0x0000000012F17C70 froP=0x000000001CFEC040
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
```

```
pass=1 id=402958856
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5) est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7) est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9) est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=998422737
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11) est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x000000001E506808
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=217916377
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
```

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```
kkoatVerifyEst(enter)
pass=1 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=1 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3332806748
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
Vstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1458933053
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=1 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1312865925
Vstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=1 id=2088930889
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
      VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
      "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
        kkoatVerifyEst(exit)
          kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
      pass=1 id=3429333559
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
      VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
      "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
        kkoatVerifyEst(exit)
          kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=1558319047
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1558319047
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
  VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
  VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2334384011
  VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
  VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
  VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=1 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1800912986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2576977950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=1 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1412251919
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2188316883
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1992404078
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"J"@ "SEL$2", "A"@ "SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"J"@ "SEL$2", "A"@ "SEL$11", "E"@ "SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"J"@ "SEL$2", "A"@ "SEL$11", "E"@ "SEL$5", "JL"@ "SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=256891728
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=71849249
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=1070271986
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=1401381593
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1401381593
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1458933053
Vlstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1312865925
Vlstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): V!status=N!PREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=N!PREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=N!PREDS
  kkoatVerifyEst(enter)
pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=N!PREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=N!PREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=N!PREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=N!PREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=N!PREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=N!PREDS
  kkoatVerifyEst(enter)
pass=1 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=N!PREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vlstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
Vlstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2234998017
Vlstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2088930889
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=217916377
  VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1216339114
  VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
  VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=256891728
Vestatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1255314465
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=217916377
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1216339114
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vlstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
Vlstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
Vlstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$11", "A"@ "SEL$7", "E"@ "SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$11", "A"@ "SEL$7", "E"@ "SEL$5", "J"@ "SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$11", "A"@ "SEL$7", "E"@ "SEL$5", "J"@ "SEL$2", "JL"@ "SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=256891728
VEstatus=PASSNUM estttype=JOIN prelen=2 tables=("A"@ "SEL$7", "A"@ "SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=71849249
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=1 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=217916377
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=1 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2556741784
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3332806748
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vlstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3575400687
Vlstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
Vlstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=1 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=1 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=256891728
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=1 id=71849249

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=71849249
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=1421617759
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1421617759
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=1 id=2519426490
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2519426490
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=1 id=2762020429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2762020429
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3517849227
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2334384011
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=1 id=2373359362
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2373359362
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=1 id=2177446557
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2177446557
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=1 id=2420040496
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2420040496
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=3517849227
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=3517849227
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=1 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1992404078
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
```



```
kkoatVerifyEst(enter)
pass=1 id=2031379429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=2031379429
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=217916377
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=993981341
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1236575280
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1236575280
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=1 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=256891728
VEstatus=PASSNUM esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1032956692
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1032956692
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=1 id=1275550631
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=1 id=1275550631
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
jop=0x000000001E506808
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E57D020
    kkoatStatsCollectTab(enter): froP=0x000000001E56CC60
kkoatStatsCollectTab: skip fro=000000001E56CC60
    kkoatStatsCollectTab(enter): froP=0x000000001E56D8C8
kkoatStatsCollectTab: skip fro=000000001E56D8C8
    kkoatStatsCollectTab(enter): froP=0x000000001F066710
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F066710
  kkoatTabStatsVerify(exit): statState=STALE
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x000000001F064720
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F064720
  kkoatTabStatsVerify(exit): statState=STALE
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x000000001F062730
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F062730
  kkoatTabStatsVerify(exit): statState=STALE
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x000000001E63DCE0
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17D70 froP=0x000000001E63DCE0
  kkoatTabStatsVerify(exit): statState=STALE
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x000000001E63E250
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F181A8 froP=0x000000001E63E250
  kkoatTabStatsVerify(exit): statState=STALE
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
    end kestsadoRounds() round error=0 msg=
    kestsadoRounds() round=3
    kkoatStatsCollectTab(enter): froP=0x000000001E5112A0
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E5112A0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x000000001E54C358
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E54C358
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1D0C0
  kkoatSetupQbCtx(exit): passNum=3 qbcDone=yes atDone=yes
pass=3 id=776064964
```

```
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=3 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=3 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001E557FB0
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kestsacAddEstCtx(): resizing hash table to 8 entries
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=3 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001E557FB0
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=3 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=3 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001F13C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=3 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001F13C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_2"@SEL$3CE29736", "E"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_2"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_2"@SEL$3CE29736")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_2"@SEL$3CE29736",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1CE78
kkoatSetupQbCtx(exit): passNum=3 qbcDone=yes atDone=yes
pass=3 id=776064964
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=3 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=3 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1CE78
joP=0x000000001F105ED8
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kestsacAddEstCtx(): resizing hash table to 8 entries
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=3 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=776064964
```

kkoatVerifyEst: complete, qbName=SEL\$5F9076AD pass=3 id=776064964  
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL\$35") est=2.36  
est\_nav=2.36 adjfac=0.4427 new\_est=1.05  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=3 id=242593939  
kkoatVerifyEst: complete, qbName=SEL\$5F9076AD pass=3 id=242593939  
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL\$35")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyEst(enter)  
pass=3 id=1018658903  
kkoatVerifyEst: complete, qbName=SEL\$5F9076AD pass=3 id=1018658903  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL\$35", "CO"@SEL\$35")  
est=1.05 est\_nav=1.05 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1CE78  
joP=0x000000001F105ED8  
kkoatSaveJoinOrder(exit)  
kkoatVerifyEst(enter)  
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C0B8  
kkoatSetupQbCtx(exit): passNum=3 qbcDone=yes atDone=yes  
pass=3 id=776064964  
kkoatVerifyEst: complete, qbName=SEL\$9CF1E98E pass=3 id=776064964  
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL\$33") est=92.60  
est\_nav=92.60 adjfac=0.4427 new\_est=41.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=SCHEDULER\$\_INSTANCE\_PK estType=SKIP\_SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS  
kkoatVerifyEst(enter)  
pass=3 id=242593939  
kkoatVerifyEst: complete, qbName=SEL\$9CF1E98E pass=3 id=242593939  
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL\$33")  
kkoatVerifyEst(exit)  
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C0B8  
joP=0x000000001F105ED8  
kkoatRestoreJoinOrder(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kestsacAddEstCtx(): resizing hash table to 16 entries  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)

```
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$9CF1E98E pass=3 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C0B8
joP=0x000000001F105ED8
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C280
  kkoatSetupQbCtx(exit): passNum=3 qbcDone=no atDone=no
  pass=3 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x0000000021540800
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kestsacAddEstCtx(): resizing hash table to 16 entries
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1018658903
```

```
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "AO"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=2017081640
  kkoatGetPreds(enter)
    sPreds (3) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (D): canSamp=1 cdn=1 maxCard=1
  kkoatFindSampleTable (AO): canSamp=1 cdn=75222 maxCard=75222
  kkoatFindSampleTable (O): canSamp=1 cdn=75222 maxCard=75222
  kkoatFindSampleTable(exit): tab=AO
  kkoatVerifyEst: sPreds = (BITAND("D#1"."FLAGS",12)=4) AND
("D#1"."AGTDESTOID"="AO#0"."OBJ#") AND ("O#2"."OBJ#"="D#1"."OBJ#")
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=2017081640
VEstatus=SUCCESS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
```



```
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "O"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=3 id=1589445222
kestsacAddEstCtx(): resizing hash table to 32 entries
  kkoatGetPreds(enter)
    sPreds (3) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (D): canSamp=1 cdn=1 maxCard=1
  kkoatFindSampleTable (O): canSamp=1 cdn=75222 maxCard=75222
  kkoatFindSampleTable (U): canSamp=1 cdn=97 maxCard=75222
  kkoatFindSampleTable(exit): tab=0
  kkoatVerifyEst: sPreds = (BITAND("D#1"."FLAGS",12)=4) AND
("O#2"."OBJ#"="D#1"."OBJ#") AND ("U#3"."USER#"="O#2"."OWNER#")
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=1589445222
VEstatus=SUCCESS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=833616424
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=813380258
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("U"@SEL$26",
"O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x0000000021540800
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C558
  kkoatSetupQbCtx(exit): passNum=3 qbcDone=yes atDone=no
  pass=3 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=3 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$28")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=242593939
```

```
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=3 id=242593939
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("D"@SEL$28) est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x0000000021540800
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
kestsacAddEstCtx(): resizing hash table to 8 entries
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=3 id=1018658903
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("D"@SEL$28, "O"@SEL$28)
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x0000000021540800
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B8C8
  kkoatSetupQbCtx(exit): passNum=3 qbcDone=yes atDone=no
pass=3 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$23 pass=3 id=242593939
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("R01"@SEL$23)
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x0000000021540800
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x0000000021540800
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B9F8
  kkoatSetupQbCtx(exit): passNum=3 qbcDone=yes atDone=no
pass=3 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$24 pass=3 id=242593939
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("L01"@SEL$24)
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x0000000021540800
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x0000000021540800
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
```

```
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BB28
kkoatSetupQbCtx(exit): passNum=3 qbcDone=yes atDone=no
pass=3 id=242593939
kkoatVerifyEst: complete, qbName=SEL$21 pass=3 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21) est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BB28
joP=0x0000000021540800
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BB28
joP=0x0000000021540800
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BC58
kkoatSetupQbCtx(exit): passNum=3 qbcDone=yes atDone=no
pass=3 id=242593939
kkoatVerifyEst: complete, qbName=SEL$22 pass=3 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x0000000021540800
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x0000000021540800
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BD88
kkoatSetupQbCtx(exit): passNum=3 qbcDone=no atDone=no
pass=3 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@SEL$20)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000001F14C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=3 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20)
kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=1774487701
    kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"U1"@SEL$20")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=1589445222
    kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=1832039161
    kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=813380258
    kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"J1"@SEL$20) est=26.00 est_nav=26.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=1589445222

```

```
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1055974197
kestsacAddEstCtx(): resizing hash table to 16 entries
  kkoatGetPreds(enter)
    sPreds (3) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (O1): canSamp=0 cdn=75223 maxCard=-1
  kkoatFindSampleTable (J1): canSamp=0 cdn=26 maxCard=-1
  kkoatFindSampleTable (JD1): canSamp=0 cdn=2 maxCard=-1
  kkoatFindSampleTable(exit): tab=NO SAMPLING TABLE
  kkoatVerifyEst: sPreds = ("J1#3"."OBJ#"="O1#2"."OBJ#") AND
("JD1#0"."OWNER#"="J1#3"."DESTINATION_OWNER") AND
("JD1#0"."DEST_NAME#"="J1#3"."DESTINATION")
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1055974197
VEstatus=SUCCESS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"O1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20) est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=57551460
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"JD1"@SEL$20) est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1055974197
```



```
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000001F14C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A758
kkoatSetupQbCtx(exit): passNum=3 qbcDone=yes atDone=no
pass=3 id=242593939
kkoatVerifyEst: complete, qbName=SEL$52271521 pass=3 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x000000001F147FD8
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x000000001F147FD8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A898
kkoatSetupQbCtx(exit): passNum=3 qbcDone=yes atDone=no
pass=3 id=242593939
kkoatVerifyEst: complete, qbName=SEL$44902B2C pass=3 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x000000001F147FD8
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x000000001F147FD8
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=3 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000001F147FD8
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=3 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=813380258
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=3 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1774487701
VEstatus=TABESTMISS estttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1589445222
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1832039161
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000001F147FD8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A9D8
kkoatSetupQbCtx(exit): passNum=3 qbcDone=no atDone=no
pass=3 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=3 id=4109924817
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=998422737
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=3 id=998422737
VEstatus=SUCCESS estttype=TABLE prelen=1 tables=("O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=3 id=776064964
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=3 id=776064964
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=242593939
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=3 id=242593939
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A9D8
joP=0x0000000021590950
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kestsacAddEstCtx(): resizing hash table to 32 entries
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=3 id=1018658903
Vstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "AO"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=3 id=2017081640
Vstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=3 id=1832039161
Vstatus=PASSNUM esttype=JOIN prelen=4 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26", "U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=833616424
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=3 id=833616424
Vstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=3 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("D"@SEL$26",
"O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=3 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"O"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=3 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=3 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"O"@SEL$26", "U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=591022485
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=3 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=833616424
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=3 id=833616424
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1589445222
```

```
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=3 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=3 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=3 id=813380258
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$26",
"O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A9D8
joP=0x0000000021590950
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1ACB0
  kkoatSetupQbCtx(exit): passNum=3 qbcDone=yes atDone=no
  pass=3 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=3 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$28")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=3 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=3 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$28") est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
```



```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1ACB0
joP=0x000000002160C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=3 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("D"@SEL$28",
"O"@SEL$28")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1ACB0
joP=0x000000002160C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=3 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000002160C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=3 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"J1"@SEL$20) est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1832039161
```

```
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1055974197
VEstatus=PUSHPRED esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1589445222
```

```
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"O1"@SEL$20) est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1055974197
VEstatus=PUSHPRED esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=57551460
VEstatus=PUSH Pred esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1832039161
```

```
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000002160C058
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
pass=3 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=3 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=3 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000232BC058
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=3 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000232BC058
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NS0_1"@SEL$3CE29736", "E"@SEL$33")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
```

```
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1AE78
kkoatSetupQbCtx(exit): passNum=3 qbcDone=yes atDone=no
pass=3 id=242593939
kkoatVerifyEst: complete, qbName=SEL$19 pass=3 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("WM"@SEL$19") est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x00000000232BC058
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x00000000232BC058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1AFA8
```

```
kkoatSetupQbCtx(exit): passNum=3 qbcDone=no atDone=no
pass=3 id=776064964
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=3 id=2113250766
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2113250766
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1593508212
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1593508212
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=598302687
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=598302687
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=402958856
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=402958856
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=998422737
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=242593939
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x00000000232BC058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=4130332406
```



```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=4130332406
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1696066402
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1696066402
Vestatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3036469072
Vestatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3439427928
Vestatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3182536200
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3182536200
Vestatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
```

```

"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS

```

```
kkoatVerifyEst(enter)
pass=3 id=3585495056
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3585495056
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "WMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17", "CMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3367578679
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3367578679
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3036469072
Vestatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3439427928
Vestatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1179023820
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2519426490
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2519426490
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=4130332406
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1696066402
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
```

```
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1018658903
```



```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=4130332406
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2027176009
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=3 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=3 id=2116467634
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=3 id=1018658903
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=3 id=2017081640
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
    kkoatVerifyEst(exit)

```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=4130332406
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1428873322
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2027176009
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1842133530
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=3182536200
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=3036469072
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17",
)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=1179023820

```

kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=3 id=1179023820  
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL\$18",  
"WMU"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=WMO index=I\_OBJ2 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=WMO index=I\_OBJ2 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=WMO index=I\_OBJ4 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=3 id=2519426490  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=3 id=2519426490  
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL\$18",  
"WMU"@SEL\$17", "WMO"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=3 id=1374367651  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=3 id=1374367651  
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL\$18",  
"D"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_SCHEDULER\_WINGRP\_MEMBER2 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_SCHEDULER\_WINGRP\_MEMBER2 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=3 id=2967875863  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=3 id=2967875863  
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL\$18",  
"D"@SEL\$17", "WG"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_1 index=SCHEDULER\$WINDOW\_GROUP\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_1 index=SCHEDULER\$WINDOW\_GROUP\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=3 id=786159333  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=3 id=786159333  
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL\$18", "D"@SEL\$17",  
"WG"@SEL\$17", "W"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=3 id=1784582070  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=3 id=1784582070  
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL\$18", "D"@SEL\$17",  
"WG"@SEL\$17", "W"@SEL\$17", "J1"@SEL\$18")

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1018658903
```

kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=3 id=1018658903  
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL\$18",  
"O"@SEL\$18")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J1 index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=J1 index=SCHEDULER\$\_JOB\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=3 id=2017081640  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=3 id=2017081640  
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL\$18",  
"O"@SEL\$18", "J1"@SEL\$18")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_1 index=SCHEDULER\$\_WINDOW\_GROUP\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_1 index=SCHEDULER\$\_WINDOW\_GROUP\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=3 id=4130332406  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=3 id=4130332406  
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL\$18", "O"@SEL\$18",  
"J1"@SEL\$18", "W"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=SCHEDULER\$\_WINGRP\_MEMBER\_UQ estType=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=SCHEDULER\$\_WINGRP\_MEMBER\_UQ estType=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_SCHEDULER\_WINGRP\_MEMBER1 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_SCHEDULER\_WINGRP\_MEMBER1 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=3 id=1428873322  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=3 id=1428873322  
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL\$18", "O"@SEL\$18",  
"J1"@SEL\$18", "W"@SEL\$17", "WG"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=D index=SCHEDULER\$\_DEST\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=D index=SCHEDULER\$\_DEST\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=3 id=2027176009



```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x00000000232BC058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B5C0
kkoatSetupQbCtx(exit): passNum=3 qbcDone=yes atDone=no
pass=3 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=3 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$15")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000232BC058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=3 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=3 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000232BC058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=3 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=3 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$15")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000273D9EF8
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=3 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=3 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
kkoatVerifyEst(exit)
```

```
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000273D9EF8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=3 id=242593939
kkoatVerifyEst: complete, qbName=SEL$23 pass=3 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("R01"@SEL$23")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x00000000232BC058
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x00000000232BC058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=3 id=242593939
kkoatVerifyEst: complete, qbName=SEL$24 pass=3 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L01"@SEL$24")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=L01 index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x00000000232BC058
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x00000000232BC058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=3 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x00000000232BC058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=3 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1589445222
VEstatus=TABESTMISS estttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1832039161
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=591022485
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=591022485
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("U1"@SEL$20",
"J1"@SEL$20")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=833616424
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=833616424
VEstatus=TABESTMISS estttype=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1832039161
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "O1"@SEL$20")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1589445222
VEstatus=TABESTMISS estttype=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1832039161
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x00000000232BC058
kkoatSaveJoinOrder(exit)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F196E0
kkoatSetupQbCtx(exit): passNum=3 qbcDone=yes atDone=no
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x00000000232BC058
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x00000000232BC058
kkoatSaveJoinOrder(exit)
```

```
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F19810
kkoatSetupQbCtx(exit): passNum=3 qbcDone=no atDone=no
pass=3 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=998422737
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=242593939
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x00000000232BC058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=3 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2017081640
kkoatGetPreds(enter)
sPreds (2) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (DI): canSamp=0 cdn=1 maxCard=-1
kkoatFindSampleTable (DI2): canSamp=0 cdn=1 maxCard=-1
kkoatFindSampleTable (J): canSamp=1 cdn=25 maxCard=25
kkoatFindSampleTable(exit): tab=J
kkoatVerifyEst: sPreds =
("DI#1"."INST_ID"=USERENV('INSTANCE')) AND
("J#2"."DATABASE_ROLE"=DECODE(BITAND("DI#1"."DIFL2",32768),32768,'SNAPSHO
```

```

T STANDBY',DECODE(BITAND("DI#1"."DIFLG",33554432),33554432,'LOGICAL
STANDBY',DECODE(BITAND("DI#1"."DIFLG",1024),1024,'PHYSICAL
STANDBY','PRIMARY')) OR "J#2"."DATABASE_ROLE" IS NULL AND
DECODE(BITAND("DI#1"."DIFL2",32768),32768,'SNAPSHOT
STANDBY',DECODE(BITAND("DI#1"."DIFLG",33554432),33554432,'LOGICAL
STANDBY',DECODE(BITAND("DI#1"."DIFLG",1024),1024,'PHYSICAL
STANDBY','PRIMARY'))='PRIMARY')
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2017081640
VEstatus=SUCCESS esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)

```

```
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3357484310
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3357484310
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=872591775
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```



```

table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1589445222
  kkoatGetPreds(enter)
    sPreds (3) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (DI): canSamp=0 cdn=1 maxCard=-1
  kkoatFindSampleTable (J): canSamp=1 cdn=25 maxCard=25
  kkoatFindSampleTable (CO): canSamp=1 cdn=75222 maxCard=75222
  kkoatFindSampleTable(exit): tab=CO
  kkoatVerifyEst: sPreds =
("DI#1"."INST_ID"=USERENV('INSTANCE')) AND
("J#2"."DATABASE_ROLE"=DECODE(BITAND("DI#1"."DIFL2",32768),32768,'SNAPSHO
T STANDBY',DECODE(BITAND("DI#1"."DIFLG",33554432),33554432,'LOGICAL
STANDBY',DECODE(BITAND("DI#1"."DIFLG",1024),1024,'PHYSICAL
STANDBY','PRIMARY')))) OR "J#2"."DATABASE_ROLE" IS NULL AND
DECODE(BITAND("DI#1"."DIFL2",32768),32768,'SNAPSHOT
STANDBY',DECODE(BITAND("DI#1"."DIFLG",33554432),33554432,'LOGICAL
STANDBY',DECODE(BITAND("DI#1"."DIFLG",1024),1024,'PHYSICAL
STANDBY','PRIMARY'))))='PRIMARY') AND ("J#2"."CLASS_OID"="CO#3"."OBJ#")
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1589445222
VEstatus=SUCCESS esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2783780764

```

```

kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3114890371
kkoatGetPreds(enter)
sPreds (3) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (DI): canSamp=0 cdn=1 maxCard=-1
kkoatFindSampleTable (J): canSamp=1 cdn=25 maxCard=25
kkoatFindSampleTable (SYS_ALIAS_2): canSamp=1 cdn=75222 maxCard=75222
kkoatFindSampleTable(exit): tab=SYS_ALIAS_2
kkoatVerifyEst: sPreds =
("DI#1"."INST_ID"=USERENV('INSTANCE')) AND
("J#2"."DATABASE_ROLE"=DECODE(BITAND("DI#1"."DIFL2",32768),32768,'SNAPSHO
T STANDBY',DECODE(BITAND("DI#1"."DIFLG",33554432),33554432,'LOGICAL
STANDBY',DECODE(BITAND("DI#1"."DIFLG",1024),1024,'PHYSICAL
STANDBY','PRIMARY')))) OR "J#2"."DATABASE_ROLE" IS NULL AND
DECODE(BITAND("DI#1"."DIFL2",32768),32768,'SNAPSHOT
STANDBY',DECODE(BITAND("DI#1"."DIFLG",33554432),33554432,'LOGICAL
STANDBY',DECODE(BITAND("DI#1"."DIFLG",1024),1024,'PHYSICAL
STANDBY','PRIMARY')))'=PRIMARY') AND ("J#2"."OBJ#"="SYS_ALIAS_2#5"."OBJ#")
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3114890371
VEstatus=SUCCESS esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS

```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2116467634
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=629997836
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1970400506
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1832039161
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3357484310
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3172441831
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2359061573
```

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kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=872591775
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1241016676
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1055974197
kkoatGetPreds(enter)
sPreds (1) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (DI2): canSamp=0 cdn=1 maxCard=-1
kkoatFindSampleTable (J): canSamp=1 cdn=25 maxCard=25
kkoatFindSampleTable (CO): canSamp=1 cdn=75222 maxCard=75222
kkoatFindSampleTable(exit): tab=CO
kkoatVerifyEst: sPreds = ("J#2"."CLASS_OID"="CO#3"."OBJ#")
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1055974197
VEstatus=SUCCESS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)

```

```

    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=2396376867
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2396376867
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=2250309739
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2250309739
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=2581419346
kestsacAddEstCtx(): resizing hash table to 32 entries
    kkoatGetPreds(enter)
        sPreds (1) = nsPreds (0) = kkoatGetPreds(exit)
    kkoatFindSampleTable(enter)
    kkoatFindSampleTable (DI2): canSamp=0 cdn=1 maxCard=-1
    kkoatFindSampleTable (J): canSamp=1 cdn=25 maxCard=25
    kkoatFindSampleTable (SYS_ALIAS_2): canSamp=1 cdn=75222 maxCard=75222
    kkoatFindSampleTable(exit): tab=SYS_ALIAS_2
    kkoatVerifyEst: sPreds = ("J#2"."OBJ#"="SYS_ALIAS_2#5"."OBJ#")

```



```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2581419346
VEstatus=SUCCESS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2396376867
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2435352218
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1582996609
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=96526811
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1436929481
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2153782928
kkoatGetPreds(enter)
sPreds (2) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (J): canSamp=1 cdn=25 maxCard=25
kkoatFindSampleTable (CO): canSamp=1 cdn=75222 maxCard=75222
kkoatFindSampleTable (SYS_ALIAS_2): canSamp=1 cdn=75222 maxCard=75222
kkoatFindSampleTable(exit): tab=CO
kkoatVerifyEst: sPreds = ("J#2"."CLASS_OID"="CO#3"."OBJ#") AND
("J#2"."OBJ#"="SYS_ALIAS_2#5"."OBJ#")
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2153782928
VEstatus=SUCCESS esttype=JOIN prelen=3 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=3 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2338825407
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2338825407
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyEst(enter)
```

```

pass=3 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2007715800
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2783780764
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2250309739
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2192758279
kkoatGetPreds(enter)
sPreds (2) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (J): canSamp=1 cdn=25 maxCard=25
kkoatFindSampleTable (SYS_ALIAS_2): canSamp=1 cdn=75222 maxCard=75222
kkoatFindSampleTable (SYS_ALIAS_1): canSamp=1 cdn=97 maxCard=75222
kkoatFindSampleTable(exit): tab=SYS_ALIAS_2
kkoatVerifyEst: sPreds = ("J#2"."OBJ#"="SYS_ALIAS_2#5"."OBJ#") AND
("SYS_ALIAS_2#5"."OWNER#"="SYS_ALIAS_1#4"."USER#")
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2192758279
Vestatus=SUCCESS esttype=JOIN prelen=3 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2007715800

```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2783780764
  VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2250309739
  VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1194335542
  VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3357484310
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3026374703
```



```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2359061573
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3114890371
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2116467634
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3357484310
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3357484310
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2359061573
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1241016676
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2396376867
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2581419346
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2581419346
VEstatus=EXISTS estttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2396376867
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1582996609
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2396376867
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2338825407

```



```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2338825407
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=2153782928
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2396376867
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
```

```
pass=3 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x00000000232BC058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=3 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1340402670
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=4148900168
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=4109924817
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=998422737
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=998422737
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=776064964
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=3 id=242593939
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19810
jOP=0x000000002333C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=3 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3357484310
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2359061573
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2968823243
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2783780764
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2116467634
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2116467634
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=629997836
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1970400506
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3357484310
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3211417182
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2359061573
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2359061573
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=872591775
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2212994445
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1241016676
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2396376867
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2581419346
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2581419346
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2396376867
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2250309739
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1582996609
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1436929481
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=3 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2338825407
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2338825407
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
```



```

    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=2007715800
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=2783780764
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=2250309739
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30",
"DI"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=2192758279
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2192758279
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
```

```

    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=1194335542
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=1774487701
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=1589445222
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=2929847892
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
    kkoatVerifyEst(exit)

```

```
kkoatVerifyEst(enter)
pass=3 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=1018658903
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=2017081640
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=1832039161
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=3172441831
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
    kkoatVerifyEst(exit)

```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3357484310
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1241016676
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1241016676
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2017081640
VEstatus=EXISTS estttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30) est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1832039161
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3357484310
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```



```
kkoatVerifyEst(enter)
pass=3 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1055974197
VEstatus=EXISTS estttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1832039161
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2396376867
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=3 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2581419346
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2581419346
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3357484310
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2396376867
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=3 id=1582996609
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "DI"@SEL$30",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "DI"@SEL$30",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
```

```
"DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=813380258
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=1589445222
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2929847892
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2338825407
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2338825407
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3114890371
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2929847892
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
```



```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=2153782928
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=2929847892
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x000000002333C058
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F19C00
  kkoatSetupQbCtx(exit): passNum=3 qbcDone=no atDone=no
```

```
pass=3 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LU"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=998422737
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=776064964
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=242593939
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x00000000232BC058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=3 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31, "LO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
```

```
pass=3 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=3 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=3 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31", "LO"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31", "LO"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=3 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=3 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1774487701
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1774487701
VEstatus=NOROWS estttype=JOIN prelen=2 tables=("L"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1628420573
VEstatus=NOROWS estttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=3 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1871014512
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=3 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
```



```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM estt!ype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1832039161
VEstatus=SIMPJOIN estt!ype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1589445222
VEstatus=SIMPJOIN estt!ype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=3 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1018658903
VEstatus=NOROWS estt!ype=JOIN prelen=2 tables=("L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=872591775
VEstatus=NOROWS estt!ype=JOIN prelen=3 tables=("L"@SEL$31", "PO"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1871014512
VEstatus=PASSNUM estt!ype=JOIN prelen=4 tables=("L"@SEL$31",
"PO"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"PO"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2017081640
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31", "PO"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("L"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=3 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31,
"L"@SEL$31, "LCO"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31,
"L"@SEL$31, "LCO"@SEL$31, "PO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=3 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=3 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=687549296
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=3 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=3 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=96526811
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=3 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=3 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3963857689
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=3963857689
VEstatus=NOROWS estttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=444955357
VEstatus=NOROWS estttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1443378094
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
  new_est=22.09
  kkoatVerifyEst(enter)
  pass=3 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
  new_est=22.09
  kkoatVerifyEst(enter)
  pass=3 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=687549296
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x00000000232BC058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=3 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x0000000023314028
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=3 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@ "SEL$31", "LO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@ "SEL$31", "LO"@ "SEL$31",
"LCO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1871014512
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31", "LO"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=444955357
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31,
"LO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31,
"LO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
```



```
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1774487701
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=872591775
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31,
"PO"@SEL$31, "LO"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31,
"PO"@SEL$31, "LO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31,
"PO"@SEL$31, "LO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31", "PO"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=833616424
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("L"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31,
"L"@SEL$31, "LCO"@SEL$31, "PO"@SEL$31, "LU"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31,
"L"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1685972033
```



```
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=687549296
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=96526811
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=96526811
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=687549296
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=4206451628
Vlstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=687549296
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=96526811
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=96526811
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1685972033
```



```
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=4206451628
Vlstatus=CARTPROD esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=591022485
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=3963857689
Vlstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=444955357
Vlstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1443378094
Vlstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=687549296
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=4206451628
Vlstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
    pass=3 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=3 id=591022485
    kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=3 id=3963857689
    kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=3 id=444955357
    kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
    pass=3 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=4206451628
Vlstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$31 pass=3 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x0000000023314028
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000016E8AB58
  kkoatSetupQbCtx(exit): passNum=2 qbcDone=no atDone=no
  pass=2 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```



```
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x00000000232BC058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=217916377
  kkoatGetPreds(enter)
    sPreds (5) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=9
  kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
  kkoatFindSampleTable(exit): tab=A
  kkoatVerifyEst: sPreds = ("A#3"."NAME"='INSTANCE') AND
("A#3"."TASK_ID"="A#6"."ID") AND ("A#6"."ADVISOR_NAME" LIKE :B1) AND
("A#6"."NAME" LIKE :B2) AND (BITAND("A#6"."PROPERTY",6)=4)
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=217916377
VEstatus=SUCCESS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2556741784
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1992404078
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=2 id=2234998017
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2234998017
      VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
        kkoatVerifyEst(exit)
          kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
      pass=2 id=3575400687
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
      VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
        kkoatVerifyEst(exit)
          kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
      pass=2 id=3429333559
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
      VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
        kkoatVerifyEst(exit)
          kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$11", "J"@ "SEL$2", "A"@ "SEL$7", "E"@ "SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
V!status=PASSNUM estttype=JOIN prelen=7 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$11", "J"@ "SEL$2", "A"@ "SEL$7", "E"@ "SEL$5", "JL"@ "SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$11", "J"@ "SEL$2", "A"@ "SEL$7", "JL"@ "SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1458933053
  VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
  VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=2 id=3575400687
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
    VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
      kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
  VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$11", "JL"@ "SEL$1", "A"@ "SEL$7", "J"@ "SEL$2", "E"@ "SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$11", "A"@ "SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1558319047
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1558319047
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
Vlstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2334384011
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=3332806748

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2430910822
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1800912986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=2 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1412251919
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1412251919
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=2410674656
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1654845858
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=993981341
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=993981341
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1992404078
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2334384011
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1236575280
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1236575280
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
```

```
pass=2 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1090508152
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=2 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=847914213
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2188316883
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
```

```
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1090508152
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=460510316
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=460510316
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1458933053
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1800912986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=2 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1236575280
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1236575280
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```



```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
V!status=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2576977950
V!status=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=3575400687
```

```

kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=256891728
kkoatGetPreds(enter)
sPreds (5) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=9
kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
kkoatFindSampleTable(exit): tab=A
kkoatVerifyEst: sPreds = ("A#4"."NAME"='DAYS_TO_EXPIRE') AND
("A#4"."TASK_ID"="A#6"."ID") AND ("A#6"."ADVISOR_NAME" LIKE :B1) AND
("A#6"."NAME" LIKE :B2) AND (BITAND("A#6"."PROPERTY",6)=4)
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=256891728
VEstatus=SUCCESS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=71849249

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=71849249
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
```

```

kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=1401381593
  kkoatGetPreds(enter)
    sPreds (5) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
  kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=11
  kkoatFindSampleTable(exit): tab=A
  kkoatVerifyEst: sPreds = (BITAND("A#6"."PROPERTY",6)=4) AND
("A#6"."ADVISOR_NAME" LIKE :B1) AND ("A#6"."NAME" LIKE :B2) AND
("A#2"."TASK_ID"="A#6"."ID") AND ("A#2"."NAME"='DB_ID')
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1401381593
VEstatus=SUCCESS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)

```

```
pass=2 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=2 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
V!status=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2556741784
V!status=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```



```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1458933053
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1458933053
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2234998017
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1992404078
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1255314465
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```



```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
Vstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2595717135
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=2595717135  
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vistatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=2 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=2410674656  
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "E"@SEL\$5", "A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=2 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=2653268595  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "E"@SEL\$5", "A"@SEL\$9", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=2 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=3429333559  
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "E"@SEL\$5", "A"@SEL\$9", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=2 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=3186739620  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "E"@SEL\$5", "A"@SEL\$9", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=2 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=3429333559  
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "E"@SEL\$5", "A"@SEL\$9", "J"@SEL\$2", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=2 id=2838311074  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=2838311074  
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1255314465
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=217916377
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1216339114
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2556741784
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=2 id=1312865925
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1312865925
      VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
      "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
        kkoatVerifyEst(exit)
          kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
      pass=2 id=2653268595
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
      VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
      "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
        kkoatVerifyEst(exit)
          kkoatVerifyEst(enter)
            pass=2 id=3429333559
            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
            VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
            "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
              kkoatVerifyEst(exit)
                kkoatVerifyEst(enter)
                  pass=2 id=2088930889
                  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
                  VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
                  "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
                    kkoatVerifyEst(exit)
                      kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1458933053
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```



```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=71849249
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=217916377
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1216339114
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2556741784
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2799335723
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1992404078
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3332806748
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2234998017
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=71849249
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=645552795
kkoatGetPreds(enter)
sPreds (5) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
kkoatFindSampleTable (JL): canSamp=0 cdn=16 maxCard=11
kkoatFindSampleTable(exit): tab=A
kkoatVerifyEst: sPreds = (BITAND("A#6"."PROPERTY",6)=4) AND
("A#6"."ADVISOR_NAME" LIKE :B1) AND ("A#6"."NAME" LIKE :B2) AND
("JL#0"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="JL#0"."OWNER")
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=645552795
VEstatus=SUCCESS estttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER

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```

kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1985955465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1985955465
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2762020429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2762020429
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=3760443166
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3760443166
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=3575400687

```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2615953301
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2615953301
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2430910822
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=2984378202
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2984378202
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3760443166
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3760443166
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=3614376038
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2838311074
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2838311074
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1800912986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2576977950
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=460510316
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=460510316
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1800912986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```



```
pass=2 id=499485667
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=499485667
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1839888337
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1839888337
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2615953301
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2615953301
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x00000000232BC058
kkoatSaveJoinOrder(exit)
```

```
kkoatVerifyEst(enter)
pass=2 id=402958856
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=0.29
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=998422737
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x000000002177C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=2 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1992404078
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3332806748
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1458933053
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$11", "JL"@ "SEL$1", "A"@ "SEL$7", "E"@ "SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
V!status=PASSNUM estttype=JOIN prelen=7 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$11", "JL"@ "SEL$1", "A"@ "SEL$7", "E"@ "SEL$5", "J"@ "SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$11", "JL"@ "SEL$1", "A"@ "SEL$7", "J"@ "SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1312865925
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=2 id=2088930889
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
      VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
      "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
        kkoatVerifyEst(exit)
          kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
      pass=2 id=3429333559
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
      VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
      "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
        kkoatVerifyEst(exit)
          kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1558319047
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1558319047
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
Vlstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2334384011
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2334384011
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1800912986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=2 id=3575400687
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
    VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
    "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
        table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
        kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
        kkoatVerifyIdxAcc(enter)
          table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
          kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
          type=FILTER
          kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
          Vistatus=success est=0.25 (no adjustment)
          kkoatVerifyEst(enter)
            pass=2 id=3429333559
            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
            VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
            "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
            kkoatVerifyEst(exit)
              kkoatVerifyIdxAcc(enter)
                table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
                kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
                kkoatVerifyIdxAcc(enter)
                  table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
                  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
                  type=FILTER
                  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
                  Vistatus=success est=0.25 (no adjustment)
                  kkoatVerifyEst(enter)
                    pass=2 id=2430910822
                    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
                    VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
                    "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
                    kkoatVerifyEst(exit)
                      kkoatVerifyIdxAcc(enter)
                        table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
                        kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
                        kkoatVerifyIdxAcc(enter)
                          table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
                          kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
                          type=FILTER
                          kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
                          kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
                          new_est=0.03
                            kkoatVerifyEst(enter)
                              pass=2 id=3429333559
                              kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
                              VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
                              "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
                              kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1654845858
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
```

```
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1412251919
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1654845858
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=2 id=993981341
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=993981341
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1992404078
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
V!status=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
V!status=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
V!status=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2234998017
V!status=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2334384011
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2576977950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2430910822
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=71849249
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=71849249
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1401381593
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
V!status=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
V!status=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
V!status=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=2 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1255314465
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```

    kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=217916377
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03

```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```



```
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=71849249
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=2 id=1070271986
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=2 id=2410674656
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
        pass=2 id=2653268595
        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
        kkoatVerifyEst(exit)
          kkoatVerifyEst(enter)
            pass=2 id=3429333559
            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
            kkoatVerifyEst(exit)
              kkoatVerifyEst(enter)
                pass=2 id=3186739620
                kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
                kkoatVerifyEst(exit)
                  kkoatVerifyEst(enter)
                    pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=2 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=2 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=71849249
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=645552795
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=645552795
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vtstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vtstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vtstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vtstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vtstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vtstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=2 id=1985955465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1985955465
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2762020429
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=3760443166
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3760443166
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=217916377
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=217916377
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=2 id=460510316
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=460510316
      VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
      "JL"@SEL$1")
      kkoatVerifyEst(exit)
        kkoatVerifyIdxAcc(enter)
          table=E index=WRI$_ADV_EXECS_PK estType=SCAN
          kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
          kkoatVerifyIdxAcc(enter)
            table=E index=WRI$_ADV_EXECS_PK estType=FILTER
            kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
            kkoatVerifyIdxAcc(enter)
              table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
              kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
              kkoatVerifyIdxAcc(enter)
                table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
                kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                kkoatVerifyIdxAcc(enter)
                  table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
                  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                  kkoatVerifyIdxAcc(enter)
                    table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
                    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                    kkoatVerifyEst(enter)
                      pass=2 id=1800912986
                      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1800912986
                      VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
                      "JL"@SEL$1", "E"@SEL$5")
                      kkoatVerifyEst(exit)
                        kkoatVerifyEst(enter)
                          pass=2 id=2576977950
                          kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2576977950
                          VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
                          "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
                          kkoatVerifyEst(exit)
                            kkoatVerifyIdxAcc(enter)
                              table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
                              kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                              kkoatVerifyIdxAcc(enter)
                                table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
                                kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
                                type=FILTER
                                kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
                                kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
                                new_est=0.03
                                kkoatVerifyEst(enter)
                                  pass=2 id=3575400687
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=256891728
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=499485667
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=499485667
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1839888337
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1839888337
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2615953301
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2615953301
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x000000002177C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=2 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=0.29
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=998422737
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x000000002177C058
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1312865925
  VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
  VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
  VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
  VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2556741784
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1458933053
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=2 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=3429333559  
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "E"@SEL\$5", "J"@SEL\$2", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=2 id=2234998017  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=2234998017  
Vlstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=2 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=2088930889  
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "J"@SEL\$2", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=2 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=3429333559  
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "J"@SEL\$2", "A"@SEL\$7", "E"@SEL\$5")

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1992404078
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```



```
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2234998017
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=71849249
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1412251919
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
```

```
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2188316883
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=314443188
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=314443188
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1654845858
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=2 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=2 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1090508152
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=847914213
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=847914213
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
V!status=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
V!status=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
```



```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=2188316883
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
pass=2 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=2430910822
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN

```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1090508152
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1558319047
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1558319047
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
Vlstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1412251919
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1654845858
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=3429333559
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=71849249
Vestatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=1401381593
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=1401381593  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$5", "A"@SEL\$11")  
est=9.00 est\_nav=9.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=2 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=1216339114  
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=2 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=1070271986  
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=2 id=2410674656

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
```

```
pass=2 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
  VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=256891728
  VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
  new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1255314465
  VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1312865925
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=256891728
  VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=71849249
  VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
  new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=1070271986
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=645552795
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=645552795
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
```

```

kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1985955465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1985955465
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2762020429
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)

```

```
pass=2 id=3760443166
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3760443166
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=217916377
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=460510316
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=460510316
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1800912986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2576977950
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=499485667
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=499485667
Vestatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=1839888337
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1839888337
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2615953301
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2615953301
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x000000002177C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=3 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=3 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=3 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000271529D8
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
```

```
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V1status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=3 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000271529D8
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x00000000271529D8
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x00000000271529D8
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A500
  kkoatSetupQbCtx(exit): passNum=3 qbcDone=no atDone=no
  pass=3 id=4148900168
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyEst(enter)
pass=3 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyEst(enter)
pass=3 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x00000000271529D8
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyEst(enter)
pass=3 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=872591775
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1094949548
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=629997836
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=3 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1628420573
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2435352218
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x00000000271529D8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=3 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=3 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
```



```
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=3 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30") est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x00000000273AC058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=3 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2212994445
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=3 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1970400506
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=3 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=3 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2192758279
VEstatus=TABESTMISS estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2435352218
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=3 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2968823243
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=3 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2007715800
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2435352218
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1970400506
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2192758279
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2968823243
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=852355609
```



```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=4148900168
VEstatus=NOROWS estttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatVerifyEst(enter)
pass=3 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=998422737
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=776064964
VEstatus=NOROWS estttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=242593939
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027143FC0
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatVerifyEst(enter)
pass=3 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=3963857689
VEstatus=TABESTMISS estttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=444955357
VEstatus=TABESTMISS estttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1443378094
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1685972033
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=3 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=687549296
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1685972033
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=4206451628
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=591022485
Vestatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=3 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=3 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
```

```
kkoatVerifyEst(enter)
pass=3 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027143FC0
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=3 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=3 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyEst(enter)
pass=3 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=242593939
```



```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=27.53 (no adjustment)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027C14028
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=CANDFRO
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=CANDFRO
kkoatVerifyEst(enter)
pass=3 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=3 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
```



```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027C14028
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=2 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=8.84 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=998422737
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@ "SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027143FC0
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@ "SEL$9", "A"@ "SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=2 id=1558319047
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1558319047
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2334384011
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1800912986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```



```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2576977950
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2576977950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1412251919
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1412251919
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2188316883
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3332806748
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=3575400687  
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=2 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=3429333559  
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=2 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=2653268595  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=2 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=3429333559  
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$7", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=2 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=2410674656  
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "A"@SEL\$7")

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1992404078
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1458933053
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2234998017
  VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
  table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
  table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
  table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
  table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
  table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
  table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
  VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
  table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
  table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
  table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
  table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=993981341
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2334384011
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=2 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2576977950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2188316883
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=256891728
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=71849249
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1412251919
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1401381593
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1070271986
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1312865925
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1458933053
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
```



```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1216339114
V!status=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
V!status=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
V!status=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1255314465
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=1070271986
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=2 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=2 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=71849249
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
```

```
pass=2 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=217916377
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=256891728
  VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=71849249
  VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
  new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=1070271986
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1421617759
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1421617759
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2519426490
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2762020429
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=3517849227
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3517849227
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2334384011

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2334384011
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2373359362
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2373359362
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=2177446557
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2177446557
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2420040496
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2420040496
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3517849227
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1992404078
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2031379429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2031379429
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=217916377
```



kkoatVerifyEst: complete, qbName=SEL\$916FDCC7 pass=3 id=242593939  
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL\$35")  
kkoatVerifyEst(exit)  
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0  
joP=0x0000000023256750  
kkoatRestoreJoinOrder(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyEst(enter)  
pass=3 id=1018658903  
kkoatVerifyEst: complete, qbName=SEL\$916FDCC7 pass=3 id=1018658903  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL\$35", "CO"@SEL\$35")  
est=41.00 est\_nav=41.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0  
joP=0x0000000023256750  
kkoatSaveJoinOrder(exit)  
kkoatVerifyEst(enter)  
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE  
esttype=TABLE prelen=1 tables=("E"@SEL\$33")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE  
esttype=TABLE prelen=1 tables=("CO"@SEL\$33")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE  
esttype=JOIN prelen=2 tables=("VW\_NSO\_1"@SEL\$3CE29736", "E"@SEL\$33")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE  
esttype=JOIN prelen=3 tables=("VW\_NSO\_1"@SEL\$3CE29736", "E"@SEL\$33",  
"CO"@SEL\$33")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE  
esttype=JOIN prelen=2 tables=("E"@SEL\$33", "VW\_NSO\_1"@SEL\$3CE29736")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE  
esttype=JOIN prelen=3 tables=("E"@SEL\$33", "VW\_NSO\_1"@SEL\$3CE29736",  
"CO"@SEL\$33")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE  
esttype=JOIN prelen=2 tables=("E"@SEL\$33", "CO"@SEL\$33")

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=242593939
kkoatVerifyEst: complete, qbName=SEL$52271521 pass=3 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21") est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x00000000216F6C58
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x00000000216F6C58
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
pass=3 id=242593939
kkoatVerifyEst: complete, qbName=SEL$44902B2C pass=3 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x00000000216F6C58
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x00000000216F6C58
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
pass=3 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x00000000216F6978
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyEst(enter)
pass=3 id=1774487701
```

```
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1774487701
VEstatus=TABESTMISS estttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1589445222
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1832039161
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x00000000216F6978
  kkoatSaveJoinOrder(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000021716FA0
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000021716FA0
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=3 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=4148900168
VEstatus=SUCCESS estttype=TABLE prelen=1 tables=("JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=3 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1340402670
VEstatus=SUCCESS estttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=3 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=4109924817
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```



```
pass=3 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=998422737
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=776064964
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("DI"@SEL$30") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=242593939
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000021712140
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=3 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=96526811
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=872591775
VEstatus=CARTPROD estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1094949548
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1094949548
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=629997836
Vestatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=872591775
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2212994445
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=3 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2968823243
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=3 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2007715800
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
jOP=0x0000000021712140
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=3 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=3 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=3 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
jOP=0x00000000276DC058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=3 id=96526811
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=3 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1094949548
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```

table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3026374703

```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2435352218
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=3 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=3 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2968823243
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2192758279
VEstatus=TABESTMISS estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=3 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=3 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1436929481
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
```

kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=3 id=3026374703  
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "DI"@SEL\$30", "J"@SEL\$12", "CO"@SEL\$12", "DI2"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=3 id=2192758279  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=3 id=2192758279  
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=3 id=2435352218  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=3 id=2435352218  
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "J"@SEL\$12", "DI2"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=3 id=3211417182  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=3 id=3211417182  
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "J"@SEL\$12", "DI2"@SEL\$30", "DI"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=3 id=3026374703  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=3 id=3026374703  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "J"@SEL\$12", "DI2"@SEL\$30", "DI"@SEL\$30", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=3 id=2250309739  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=3 id=2250309739  
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "J"@SEL\$12", "DI2"@SEL\$30", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=3 id=3026374703

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2250309739
```





```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x00000000276DC058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=3 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=3 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=3 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000023224028
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
```

```
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyEst(enter)
pass=3 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=3 id=687549296
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=3 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=3 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000023224028
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=3 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
pass=3 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyEst(enter)
pass=3 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000276F8040
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
```

```

table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=3 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)

```

```
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
```



```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
    pass=3 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=4206451628
Vlstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=3 id=591022485
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=591022485
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=3 id=444955357
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=444955357
Vlstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
    pass=3 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1443378094
Vlstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
    pass=3 id=687549296
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=591022485
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1589445222
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=3 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000276F8040
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=2 id=402958856
```





```
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=217916377
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1216339114
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2556741784
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3332806748
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=3575400687  
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=2 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=3429333559  
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=2 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=2653268595  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=2 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=3429333559  
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$7", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=2 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=2410674656  
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "A"@SEL\$7")

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1992404078
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1458933053
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2234998017
  VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
  VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=1558319047
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1558319047
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=2 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2334384011
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2576977950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2188316883
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1800912986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=2576977950
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2576977950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1412251919
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1412251919
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2188316883
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
```

```
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=993981341
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1992404078
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2234998017
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=256891728
  VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=71849249
  VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
  new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=1070271986
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=1401381593
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=1401381593  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$5", "A"@SEL\$11")  
est=11.00 est\_nav=11.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=2 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=1216339114  
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=2 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=1070271986  
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=2 id=2410674656

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1458933053
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1992404078
Vstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
Vstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=2 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=256891728
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=256891728  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$7", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=2 id=1255314465  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=1255314465  
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=2 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=1070271986  
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)



```
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=217916377
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1216339114
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2556741784
V!status=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
V!status=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
V!status=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
V!status=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
V!status=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2799335723
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=2 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=71849249
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2799335723
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=71849249
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$9", "A"@ "SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1179023820
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1421617759
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1421617759
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2519426490
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2762020429
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2762020429
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3517849227
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2334384011
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2373359362
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2373359362
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=2177446557
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2177446557
Vestatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2420040496
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2420040496
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3517849227
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1992404078
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1992404078
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2031379429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2031379429
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1236575280
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1032956692
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1032956692
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1275550631
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1275550631
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027324028
  kkoatSaveJoinOrder(exit)
  kkoatInitCtx(enter): ctxP=0x000007FF0D1B6078 roundNum=3
  kkoatInitCtx(exit): timeSlice=3260
  kkoatVerifyEst(enter)
pass=3 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=3 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=3 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000276CC058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=3 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
```

```
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000276CC058
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E56BAB0
kkoatStatsCollectTab(enter): froP=0x0000000016EBA3A8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EBA3A8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016EBA6A8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17680 froP=0x0000000016EBA6A8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E56C990
kkoatStatsCollectTab(enter): froP=0x0000000016EC4860
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EC4860
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016EC4DB8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17680 froP=0x0000000016EC4DB8
```

```
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E5969C8
kkoatStatsCollectTab: skip fro=000000001E5969C8
kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=3 id=242593939
kkoatVerifyEst: complete, qbName=SEL$19 pass=3 id=242593939
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("WM"@SEL$19) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x00000000231F4028
kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x00000000231F4028
kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E52A4F8
  kkoatStatsCollectTab(enter): froP=0x000000001E52A170
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17780 froP=0x000000001E52A170
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=3 id=776064964
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=776064964
VEstatus=SUCCESS estttype=TABLE prelen=1 tables=("U"@SEL$18")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
```

```
table=U index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=3 id=2113250766
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2113250766
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1593508212
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1593508212
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=598302687
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=598302687
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=402958856
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
```

```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x00000000231F4028
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=4130332406
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1696066402
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
```

```
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3182536200
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
```



```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3585495056
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3585495056
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)

```

```
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17", "CMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3367578679
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3367578679
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3182536200
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2519426490
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2519426490
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=4130332406
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=3 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=4130332406
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=4130332406
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1696066402
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3439427928
```



```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=4130332406
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=4130332406
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3182536200
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=WMO index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2519426490
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2519426490
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1374367651
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1374367651
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2967875863
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2967875863
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=786159333
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=786159333
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1784582070
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1784582070
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=4130332406
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=4130332406
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1696066402
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3439427928
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=3439427928
VEstatus=PASSNUM estttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=3 id=2116467634
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
jobjP=0x00000000231F4028
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E516AD0
kkoatStatsCollectTab(enter): froP=0x000000001E52B980
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E52B980
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E52BBE0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E52BBE0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E52BFC8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17968 froP=0x000000001E52BFC8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E510500
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E510500
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E5107F0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E5107F0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E510AE0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E510AE0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E510FA0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E510FA0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E5115A0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E5115A0
```



```
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E5118A0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17780 froP=0x000000001E5118A0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E511B60
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17A68 froP=0x000000001E511B60
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=3 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=3 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$15")
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000231D4028
kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=3 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=3 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000231D4028
kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=3 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=3 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$15")
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000274D1630
kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=3 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=3 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000274D1630
kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E4F51A8
  kkoatStatsCollectTab(enter): froP=0x000000001E516DE0
kkoatStatsCollectTab: skip fro=000000001E516DE0
  kkoatStatsCollectTab(enter): froP=0x000000001E517330
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001E517330
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
```

```
kkoatVerifyEst(enter)
pass=3 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=998422737
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=242593939
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x00000000231D3BD8
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "AO"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "O"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=591022485
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=833616424
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=813380258
```

```
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=3 id=813380258
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("U"@SEL$26",
"O"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C280
jop=0x00000000231D3BD8
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E570430
    kkoatStatsCollectTab(enter): froP=0x000000001E54C648
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E54C648
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x000000001E54C948
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E54C948
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x000000001E54CC38
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E54CC38
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x000000001E54CF80
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E54CF80
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=3 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=3 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$28")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=3 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$28") est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C558
jop=0x00000000231D3BD8
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=3 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=3 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$28", "O"@SEL$28")
est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x00000000231D3BD8
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E5AF658
kkoatStatsCollectTab(enter): froP=0x000000001E5455F0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E5455F0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E5458E0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E5458E0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=3 id=242593939
kkoatVerifyEst: complete, qbName=SEL$23 pass=3 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("RO1"@SEL$23")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=RO1 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=RO1 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x00000000231D3BD8
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x00000000231D3BD8
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E572E20
kkoatStatsCollectTab(enter): froP=0x000000001E572398
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E572398
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=3 id=242593939
kkoatVerifyEst: complete, qbName=SEL$24 pass=3 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO1"@SEL$24")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LO1 index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x00000000231D3BD8
```

```
kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x00000000231D3BD8
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E571FB8
    kkoatStatsCollectTab(enter): froP=0x000000001E5715C0
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17C70 froP=0x000000001E5715C0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
    kkoatVerifyEst(enter)
    pass=3 id=242593939
    kkoatVerifyEst: complete, qbName=SEL$21 pass=3 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21) est=25.00
est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
      kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BB28
joP=0x00000000231D3BD8
      kkoatRestoreJoinOrder(exit)
        kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BB28
joP=0x00000000231D3BD8
        kkoatSaveJoinOrder(exit)
          kkoatStatsCollect(enter): qbcP=0x000000001E522ED0
          kkoatStatsCollectTab(enter): froP=0x000000001E57B668
          kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17968 froP=0x000000001E57B668
          kkoatTabStatsVerify(exit): statState=OKAY
          kkoatStatsCollectTab(exit)
          kkoatStatsCollect(exit)
            kkoatVerifyEst(enter)
            pass=3 id=242593939
            kkoatVerifyEst: complete, qbName=SEL$22 pass=3 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22)
            kkoatVerifyEst(exit)
              kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x00000000231D3BD8
              kkoatRestoreJoinOrder(exit)
                kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x00000000231D3BD8
                kkoatSaveJoinOrder(exit)
                  kkoatStatsCollect(enter): qbcP=0x000000001E57B280
                  kkoatStatsCollectTab(enter): froP=0x000000001E573AC8
                  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001E573AC8
                  kkoatTabStatsVerify(exit): statState=OKAY
                  kkoatStatsCollectTab(exit)
                  kkoatStatsCollect(exit)
                    kkoatVerifyEst(enter)
                    pass=3 id=776064964
                    kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20)
                    kkoatVerifyEst(exit)
                      kkoatVerifyIdxAcc(enter)
```



```
table=U1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): V1status=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): V1status=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
jOP=0x00000000231D3BD8
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1832039161
```

```
kkoatVerifyEst: complete, qbName=SEL$20 pass=3 id=1832039161
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "O1"@SEL$20")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x00000000231D3BD8
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E528780
kkoatStatsCollectTab(enter): froP=0x000000001E570740
kkoatStatsCollectTab: skip fro=000000001E570740
kkoatStatsCollectTab(enter): froP=0x000000001E570A30
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E570A30
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E573130
kkoatStatsCollectTab: skip fro=000000001E573130
kkoatStatsCollectTab(enter): froP=0x000000001E5231E0
kkoatStatsCollectTab: skip fro=000000001E5231E0
kkoatStatsCollect(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x00000000231D3BD8
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x00000000231D3BD8
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x0000000016F031E8
kkoatStatsCollectTab(enter): froP=0x0000000016F02E00
kkoatStatsCollectTab: skip fro=0000000016F02E00
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=3 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=3 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
```

```
pass=3 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x00000000231D3BD8
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=3 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2212994445
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=3 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1871014512
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1970400506
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=3 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=3 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2192758279
VEstatus=TABESTMISS estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2435352218
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=3 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2968823243
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=3 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x00000000231D3BD8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=3 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=3 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=3 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
```



```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
jOp=0x00000000273FC058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=3 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1871014512
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1436929481
VEstatus=TABESTMISS estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=CARTPROD estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2435352218
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1871014512
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1970400506
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
Vestatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2435352218
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2968823243
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1436929481
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2435352218
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2968823243
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=2007715800
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2250309739
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=3 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
  jobjP=0x00000000273FC058
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x0000000016EB5BA8
  kkoatStatsCollectTab(enter): froP=0x000000001E4FF428
  kkoatStatsCollectTab: skip fro=000000001E4FF428
  kkoatStatsCollectTab(enter): froP=0x000000001E4FF718
  kkoatStatsCollectTab: skip fro=000000001E4FF718
  kkoatStatsCollectTab(enter): froP=0x0000000016EFE7E8
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
  lobjCtxP=0x0000000012F17968 froP=0x0000000016EFE7E8
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016EFEAD8
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
  lobjCtxP=0x0000000012F17580 froP=0x0000000016EFEAD8
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016EFED60
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
  lobjCtxP=0x0000000012F17870 froP=0x0000000016EFED60
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016EFF118
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
  lobjCtxP=0x0000000012F17580 froP=0x0000000016EFF118
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
```

```
*** 2013-01-09 23:53:37.601
  kkoatVerifyEst(enter)
  pass=3 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
  table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
  table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
```

```
pass=3 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
kkoatVerifyEst(enter)
pass=3 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000021814028
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
kkoatVerifyEst(enter)
pass=3 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=3 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=3 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=3 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=3 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000021814028
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=3 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=3 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=3 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```



```
pass=3 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=27.53 (no adjustment)
kkoatRestoreJoinOrder(enter): qbCtxP=0x000000012F18840
joP=0x000000027403F58
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=CANDFRO
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=CANDFRO
kkoatVerifyEst(enter)
pass=3 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31,
"LO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31,
"LO"@SEL$31, "L"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31,
"LO"@SEL$31, "L"@SEL$31, "LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=3 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=3 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1443378094
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=591022485
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"L"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=444955357
Vlstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "LO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1443378094
Vlstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "LO"@ "SEL$31", "LCO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=687549296
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```



```
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=3 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027403F58
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x0000000016EFCFA0
kkoatStatsCollectTab(enter): froP=0x000000001CFEB2F8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001CFEB2F8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001CFEB600
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001CFEB600
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001CFEB8F0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001CFEB8F0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001CFEBBE0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001CFEBBE0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001CFEC040
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17C70 froP=0x000000001CFEC040
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=2 id=402958856
```



```
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=217916377
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1216339114
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2556741784
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3332806748
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=3575400687  
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=2 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=3429333559  
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=2 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=2653268595  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=2 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=3429333559  
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$7", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=2 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=2 id=2410674656  
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "A"@SEL\$7")

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1992404078
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$11", "J"@ "SEL$2", "JL"@ "SEL$1", "A"@ "SEL$7", "E"@ "SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$11", "J"@ "SEL$2", "A"@ "SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1458933053
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=1558319047
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1558319047
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=2 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2334384011
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1800912986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=2576977950
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2576977950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1412251919
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1412251919
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=2 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2188316883
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
```

```
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=993981341
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1992404078
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2234998017
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=256891728
  VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=71849249
  VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
  new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=1070271986
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=1401381593
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1401381593
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
  pass=2 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
  pass=2 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=2 id=2410674656
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1458933053
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1992404078
Vstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
Vstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=2 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=256891728
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1255314465
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
```

```
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=217916377
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1216339114
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2556741784
V!status=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
V!status=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
V!status=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
V!status=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2799335723
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
```



```
pass=2 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=71849249
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=2 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=2 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1216339114
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2799335723
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=2 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=2 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=71849249
VEstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=2 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2410674656
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1179023820
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1421617759
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1421617759
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2519426490
VEstatus=PASSNUM estttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=2762020429
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2762020429
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3517849227
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2334384011
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2373359362
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2373359362
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=2 id=2177446557
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2177446557
Vstatus=PASSNUM esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=2420040496
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2420040496
Vstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=3517849227
Vstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=1992404078
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1992404078
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=2 id=2031379429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=2031379429
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=2 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=2 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1236575280
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=2 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=256891728
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1032956692
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1032956692
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=2 id=1275550631
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=2 id=1275550631
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
jobjP=0x0000000021814028
kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E57D020
kkoatStatsCollectTab(enter): froP=0x000000001E56CC60
kkoatStatsCollectTab: skip fro=000000001E56CC60
kkoatStatsCollectTab(enter): froP=0x000000001E56D8C8
kkoatStatsCollectTab: skip fro=000000001E56D8C8
kkoatStatsCollectTab(enter): froP=0x000000001F066710
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F066710
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001F064720
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F064720
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001F062730
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F062730
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E63DCE0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17D70 froP=0x000000001E63DCE0
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E63E250
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F181A8 froP=0x000000001E63E250
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
  end kestsadoRounds() round error=0 msg=
```

```
kestsadoRounds() round=4
kkoatStatsCollectTab(enter): froP=0x000000001E5112A0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E5112A0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E54C358
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E54C358
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1D0C0
kkoatSetupQbCtx(exit): passNum=4 qbCDone=yes atDone=yes
pass=4 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=4 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35) est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=4 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001E557FB0
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=4 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35, "CO"@SEL$35)
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001E557FB0
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33)
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=4 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=4 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001F12C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=4 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001F12C058
```

```
kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_2"@SEL$3CE29736", "E"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_2"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_2"@SEL$3CE29736")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_2"@SEL$3CE29736",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1CE78
kkoatSetupQbCtx(exit): passNum=4 qbcDone=yes atDone=yes
pass=4 id=776064964
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=4 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=4 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1CE78
joP=0x000000001F105ED8
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```



```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=4 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=776064964
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=4 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=2.36
est_nav=2.36 adjfac=0.4427 new_est=1.05
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=4 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=4 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=1.05 est_nav=1.05 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1CE78
joP=0x000000001F105ED8
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C0B8
  kkoatSetupQbCtx(exit): passNum=4 qbcDone=yes atDone=yes
pass=4 id=776064964
kkoatVerifyEst: complete, qbName=SEL$9CF1E98E pass=4 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$33") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=SCHEDULER$_INSTANCE_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
pass=4 id=242593939
kkoatVerifyEst: complete, qbName=SEL$9CF1E98E pass=4 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$33")
```

```
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C0B8
joP=0x000000001F105ED8
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$9CF1E98E pass=4 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C0B8
joP=0x000000001F105ED8
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C280
  kkoatSetupQbCtx(exit): passNum=4 qbcDone=no atDone=no
pass=4 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x0000000021540800
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

```

kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "AO"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1832039161
kkoatGetPreds(enter)
sPreds (4) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (D): canSamp=1 cdn=1 maxCard=1
kkoatFindSampleTable (AO): canSamp=1 cdn=75222 maxCard=75222
kkoatFindSampleTable (O): canSamp=1 cdn=75222 maxCard=75222
kkoatFindSampleTable (U): canSamp=1 cdn=97 maxCard=75222
kkoatFindSampleTable(exit): tab=AO
kkoatVerifyEst: sPreds = (BITAND("D#1"."FLAGS",12)=4) AND
("D#1"."AGTDESTOID"="AO#0"."OBJ#") AND ("O#2"."OBJ#"="D#1"."OBJ#") AND
("U#3"."USER#"="O#2"."OWNER#")
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=1832039161
VEstatus=SUCCESS esttype=JOIN prelen=4 tables=("D"@SEL$26",

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"AO"@SEL\$26", "O"@SEL\$26", "U"@SEL\$26") est=0.02 est\_nav=0.02 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=4 id=833616424  
kkoatVerifyEst: complete, qbName=SEL\$1C34B9A1 pass=4 id=833616424  
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL\$26",  
"AO"@SEL\$26", "U"@SEL\$26")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=O index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=O index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=O index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=O index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)  
kkoatVerifyEst(enter)  
pass=4 id=1774487701  
kkoatVerifyEst: complete, qbName=SEL\$1C34B9A1 pass=4 id=1774487701  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL\$26", "O"@SEL\$26")  
est=0.02 est\_nav=0.02 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=AO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=AO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=AO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=AO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)  
kkoatVerifyEst(enter)  
pass=4 id=2017081640  
kkoatVerifyEst: complete, qbName=SEL\$1C34B9A1 pass=4 id=2017081640  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL\$26", "O"@SEL\$26",  
"AO"@SEL\$26") est=0.02 est\_nav=0.02 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER# estType=SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER# estType=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER2 estType=SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER2 estType=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyEst(enter)

```
pass=4 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
kestsacAddEstCtx(): resizing hash table to 64 entries
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26", "AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=591022485
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=833616424
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=813380258
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("U"@SEL$26",
"O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x0000000021540800
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C558
  kkoatSetupQbCtx(exit): passNum=4 qbcDone=yes atDone=no
  pass=4 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=4 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$28")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=4 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$28") est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x0000000021540800
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=4 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$28", "O"@SEL$28")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x0000000021540800
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B8C8
  kkoatSetupQbCtx(exit): passNum=4 qbcDone=yes atDone=no
```

```
pass=4 id=242593939
kkoatVerifyEst: complete, qbName=SEL$23 pass=4 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("R01"@SEL$23)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x0000000021540800
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x0000000021540800
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B9F8
kkoatSetupQbCtx(exit): passNum=4 qbcDone=yes atDone=no
pass=4 id=242593939
kkoatVerifyEst: complete, qbName=SEL$24 pass=4 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("L01"@SEL$24)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x0000000021540800
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x0000000021540800
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BB28
kkoatSetupQbCtx(exit): passNum=4 qbcDone=yes atDone=no
pass=4 id=242593939
kkoatVerifyEst: complete, qbName=SEL$21 pass=4 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21) est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BB28
joP=0x0000000021540800
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BB28
joP=0x0000000021540800
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BC58
kkoatSetupQbCtx(exit): passNum=4 qbcDone=yes atDone=no
pass=4 id=242593939
kkoatVerifyEst: complete, qbName=SEL$22 pass=4 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x0000000021540800
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x0000000021540800
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BD88
kkoatSetupQbCtx(exit): passNum=4 qbcDone=no atDone=no
pass=4 id=776064964
```



```
kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000002153C058
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyEst(enter)
  pass=4 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=4 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=4 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"U1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=4 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=4 id=1832039161
```

```
kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"J1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"O1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=57551460
kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=57551460
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000002153C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A758
kkoatSetupQbCtx(exit): passNum=4 qbcDone=yes atDone=no
pass=4 id=242593939
kkoatVerifyEst: complete, qbName=SEL$52271521 pass=4 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```

table=RJ1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x0000000021537FD8
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x0000000021537FD8
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A898
  kkoatSetupQbCtx(exit): passNum=4 qbcDone=yes atDone=no
  pass=4 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$44902B2C pass=4 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@ "SEL$22")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x0000000021537FD8
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x0000000021537FD8
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=4 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@ "SEL$20")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021537FD8
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=4 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=813380258
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("O1"@ "SEL$20",
"J1"@ "SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)

```

```
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=4 id=1774487701
    kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"U1"@SEL$20")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=4 id=1589445222
    kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=4 id=1832039161
    kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=4 id=1774487701
    kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=4 id=1589445222
    kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=4 id=1832039161
    kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
    kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021537FD8
    kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
    kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A9D8
    kkoatSetupQbCtx(exit): passNum=4 qbcDone=no atDone=no
    pass=4 id=4109924817
    kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=4 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U"@SEL$26")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=4 id=998422737
```

```
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=4 id=998422737
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=4 id=776064964
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=4 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=242593939
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=4 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A9D8
joP=0x000000001F11C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=4 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "AO"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=4 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```



```
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=4 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=833616424
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=4 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=4 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("D"@SEL$26",
"O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=4 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"O"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=4 id=1832039161
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("D"@SEL$26",
"O"@SEL$26", "AO"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=4 id=1589445222
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"O"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=4 id=1832039161
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("D"@SEL$26",
"O"@SEL$26", "U"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=591022485
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=4 id=591022485
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=833616424
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=4 id=833616424
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=4 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=591022485
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=4 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=4 id=813380258
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$26",
"O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A9D8
joP=0x000000001F11C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1ACB0
  kkoatSetupQbCtx(exit): passNum=4 qbcDone=yes atDone=no
  pass=4 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=4 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$28")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=4 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=4 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$28") est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1ACB0
joP=0x000000001F11C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1018658903
```

```
kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=4 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("D"@SEL$28",
"O"@SEL$28")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1ACB0
joP=0x000000001F11C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=4 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000001F11C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=4 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"J1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1055974197
VEstatus=PUSHPRED esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20")
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)

```

```
pass=4 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"O1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1832039161
VEstatus=PUSH Pred esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1055974197
VEstatus=PUSH Pred esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1832039161
```

```
kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=57551460
VEstatus=PUSHPRED esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000001F11C058
```



```
kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=4 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=4 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=4 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000002174C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=4 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000002174C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1AE78
kkoatSetupQbCtx(exit): passNum=4 qbcDone=yes atDone=no
pass=4 id=242593939
kkoatVerifyEst: complete, qbName=SEL$19 pass=4 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("WM"@SEL$19") est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x000000002174C058
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x000000002174C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1AFA8
kkoatSetupQbCtx(exit): passNum=4 qbcDone=no atDone=no
pass=4 id=776064964
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
    kkoatVerifyEst(enter)
    pass=4 id=2113250766
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2113250766
  VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("W"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=4 id=1593508212
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1593508212
  VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WG"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=4 id=598302687
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=598302687
  VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=4 id=402958856
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=402958856
  VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMU"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=4 id=1340402670
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1340402670
  VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMO"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=4 id=4148900168
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=4148900168
  VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMU"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=4 id=4109924817
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=4109924817
  VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMO"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=4 id=998422737
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=998422737
  VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J1"@SEL$18")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=4 id=242593939
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=242593939
  VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$18")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
```

```

table=0 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
jop=0x000000002174C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=4130332406
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")

```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3585495056
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3585495056
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17", "CMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3367578679
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3367578679
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```



```

table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3036469072
Vestatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3439427928
Vestatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1179023820
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)

```

```
pass=4 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2519426490
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1428873322
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2027176009
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1842133530
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
    kkoatVerifyIdxAcc(enter)

```

```
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=4130332406
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
```

```

"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2116467634
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN

```

```
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2027176009
```



```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=4 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=4 id=1179023820
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=4 id=2519426490
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2519426490
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=4 id=1374367651
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1374367651
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"D"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```
kkoatVerifyEst(enter)
pass=4 id=2967875863
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2967875863
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=786159333
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=786159333
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1784582070
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1784582070
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=4 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18", "CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x000000002174C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B5C0
kkoatSetupQbCtx(exit): passNum=4 qbcDone=yes atDone=no
pass=4 id=776064964
```

```
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=4 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$15")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x000000002174C058
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyEst(enter)
  pass=4 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=4 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x000000002174C058
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
  pass=4 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=4 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$15")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000216E5EE0
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyEst(enter)
  pass=4 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=4 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000216E5EE0
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
  pass=4 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$23 pass=4 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("R01"@SEL$23")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ2 estType=SKIP_SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ5 estType=SKIP_SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x000000002174C058
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x000000002174C058
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
  pass=4 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$24 pass=4 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L01"@SEL$24")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=L01 index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
jOP=0x000000002174C058
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
jOP=0x000000002174C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=4 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
jOP=0x000000002174C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"J1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1832039161
```



```
kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1832039161
VEstatus=TABESTMISS estttype=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1589445222
VEstatus=TABESTMISS estttype=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1832039161
VEstatus=TABESTMISS estttype=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000002174C058
  kkoatSaveJoinOrder(exit)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F196E0
  kkoatSetupQbCtx(exit): passNum=4 qbcDone=yes atDone=no
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x000000002174C058
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x000000002174C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F19810
  kkoatSetupQbCtx(exit): passNum=4 qbcDone=no atDone=no
  pass=4 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1340402670
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=4148900168
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=4109924817
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=998422737
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=776064964
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
```

```

kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=242593939
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x00000000273EA750
kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=4 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1832039161
kkoatGetPreds(enter)
  sPreds (3) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (DI): canSamp=0 cdn=1 maxCard=-1
kkoatFindSampleTable (DI2): canSamp=0 cdn=1 maxCard=-1
kkoatFindSampleTable (J): canSamp=1 cdn=25 maxCard=25
kkoatFindSampleTable (CO): canSamp=1 cdn=75222 maxCard=75222
kkoatFindSampleTable(exit): tab=CO
kkoatVerifyEst: sPreds =
("DI#1"."INST_ID"=USERENV('INSTANCE')) AND
("J#2"."DATABASE_ROLE"=DECODE(BITAND("DI#1"."DIFL2",32768),32768,'SNAPSHO
T STANDBY',DECODE(BITAND("DI#1"."DIFLG",33554432),33554432,'LOGICAL
STANDBY',DECODE(BITAND("DI#1"."DIFLG",1024),1024,'PHYSICAL
STANDBY','PRIMARY')))) OR "J#2"."DATABASE_ROLE" IS NULL AND
DECODE(BITAND("DI#1"."DIFL2",32768),32768,'SNAPSHOT
STANDBY',DECODE(BITAND("DI#1"."DIFLG",33554432),33554432,'LOGICAL
STANDBY',DECODE(BITAND("DI#1"."DIFLG",1024),1024,'PHYSICAL
STANDBY','PRIMARY'))))='PRIMARY') AND ("J#2"."CLASS_OID"="CO#3"."OBJ#")
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1832039161
VEstatus=SUCCESS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustement)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN

```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3357484310
kestsacAddEstCtx(): resizing hash table to 64 entries
  kkoatGetPreds(enter)
  sPreds (3) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (DI): canSamp=0 cdn=1 maxCard=-1
  kkoatFindSampleTable (DI2): canSamp=0 cdn=1 maxCard=-1
  kkoatFindSampleTable (J): canSamp=1 cdn=25 maxCard=25
  kkoatFindSampleTable (SYS_ALIAS_2): canSamp=1 cdn=75222 maxCard=75222
  kkoatFindSampleTable(exit): tab=SYS_ALIAS_2
  kkoatVerifyEst: sPreds =
("DI#1"."INST_ID"=USERENV('INSTANCE')) AND
("J#2"."DATABASE_ROLE"=DECODE(BITAND("DI#1"."DIFL2",32768),32768,'SNAPSHO
T STANDBY',DECODE(BITAND("DI#1"."DIFLG",33554432),33554432,'LOGICAL
STANDBY',DECODE(BITAND("DI#1"."DIFLG",1024),1024,'PHYSICAL
STANDBY','PRIMARY')))) OR "J#2"."DATABASE_ROLE" IS NULL AND
DECODE(BITAND("DI#1"."DIFL2",32768),32768,'SNAPSHOT
STANDBY',DECODE(BITAND("DI#1"."DIFLG",33554432),33554432,'LOGICAL

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STANDBY',DECODE(BITAND("DI#1"."DIFLG",1024),1024,'PHYSICAL
STANDBY','PRIMARY'))='PRIMARY') AND ("J#2"."OBJ#"="SYS_ALIAS_2#5"."OBJ#")
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3357484310
VEstatus=SUCCESS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2359061573
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2212994445
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

```

kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1589445222
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2929847892
kkoatGetPreds(enter)
sPreds (4) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (DI): canSamp=0 cdn=1 maxCard=-1
kkoatFindSampleTable (J): canSamp=1 cdn=25 maxCard=25
kkoatFindSampleTable (CO): canSamp=1 cdn=75222 maxCard=75222
kkoatFindSampleTable (SYS_ALIAS_2): canSamp=1 cdn=75222 maxCard=75222
kkoatFindSampleTable(exit): tab=CO
kkoatVerifyEst: sPreds =
("DI#1"."INST_ID"=USERENV('INSTANCE')) AND
("J#2"."DATABASE_ROLE"=DECODE(BITAND("DI#1"."DIFL2",32768),32768,'SNAPSHO
T STANDBY',DECODE(BITAND("DI#1"."DIFLG",33554432),33554432,'LOGICAL
STANDBY',DECODE(BITAND("DI#1"."DIFLG",1024),1024,'PHYSICAL
STANDBY','PRIMARY')))) OR "J#2"."DATABASE_ROLE" IS NULL AND
DECODE(BITAND("DI#1"."DIFL2",32768),32768,'SNAPSHOT
STANDBY',DECODE(BITAND("DI#1"."DIFLG",33554432),33554432,'LOGICAL
STANDBY',DECODE(BITAND("DI#1"."DIFLG",1024),1024,'PHYSICAL
STANDBY','PRIMARY'))))='PRIMARY') AND ("J#2"."CLASS_OID"="CO#3"."OBJ#")
AND ("J#2"."OBJ#"="SYS_ALIAS_2#5"."OBJ#")
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2929847892
Vestatus=SUCCESS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2968823243
  kkoatGetPreds(enter)
    sPreds (4) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (DI): canSamp=0 cdn=1 maxCard=-1
  kkoatFindSampleTable (J): canSamp=1 cdn=25 maxCard=25
  kkoatFindSampleTable (SYS_ALIAS_2): canSamp=1 cdn=75222 maxCard=75222
  kkoatFindSampleTable (SYS_ALIAS_1): canSamp=1 cdn=97 maxCard=75222
  kkoatFindSampleTable(exit): tab=SYS_ALIAS_2
  kkoatVerifyEst: sPreds =
("DI#1"."INST_ID"=USERENV('INSTANCE')) AND
("J#2"."DATABASE_ROLE"=DECODE(BITAND("DI#1"."DIFL2",32768),32768,'SNAPSHO
T STANDBY',DECODE(BITAND("DI#1"."DIFLG",33554432),33554432,'LOGICAL
STANDBY',DECODE(BITAND("DI#1"."DIFLG",1024),1024,'PHYSICAL
STANDBY','PRIMARY')))) OR "J#2"."DATABASE_ROLE" IS NULL AND
DECODE(BITAND("DI#1"."DIFL2",32768),32768,'SNAPSHOT
STANDBY',DECODE(BITAND("DI#1"."DIFLG",33554432),33554432,'LOGICAL
STANDBY',DECODE(BITAND("DI#1"."DIFLG",1024),1024,'PHYSICAL
STANDBY','PRIMARY'))))='PRIMARY') AND ("J#2"."OBJ#"="SYS_ALIAS_2#5"."OBJ#"
AND ("SYS_ALIAS_2#5"."OWNER#"="SYS_ALIAS_1#4"."USER#")
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2968823243
VEstatus=SUCCESS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```



```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=629997836
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=629997836
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1970400506
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=4 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=872591775
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2212994445
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1241016676
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1055974197
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2396376867
  kkoatGetPreds(enter)
    sPreds (2) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (DI2): canSamp=0 cdn=1 maxCard=-1
  kkoatFindSampleTable (J): canSamp=1 cdn=25 maxCard=25
  kkoatFindSampleTable (CO): canSamp=1 cdn=75222 maxCard=75222
  kkoatFindSampleTable (SYS_ALIAS_2): canSamp=1 cdn=75222 maxCard=75222
  kkoatFindSampleTable(exit): tab=CO
  kkoatVerifyEst: sPreds = ("J#2"."CLASS_OID"="CO#3"."OBJ#") AND
("J#2"."OBJ#"="SYS_ALIAS_2#5"."OBJ#")
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2396376867
Vestatus=SUCCESS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2250309739

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```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
  VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
  "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2581419346
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2581419346
  VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
  "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2396376867
  VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
  "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
  adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
```

```

pass=4 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2250309739
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2435352218
kkoatGetPreds(enter)
sPreds (2) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (DI2): canSamp=0 cdn=1 maxCard=-1
kkoatFindSampleTable (J): canSamp=1 cdn=25 maxCard=25
kkoatFindSampleTable (SYS_ALIAS_2): canSamp=1 cdn=75222 maxCard=75222
kkoatFindSampleTable (SYS_ALIAS_1): canSamp=1 cdn=97 maxCard=75222
kkoatFindSampleTable(exit): tab=SYS_ALIAS_2
kkoatVerifyEst: sPreds = ("J#2"."OBJ#"="SYS_ALIAS_2#5"."OBJ#") AND
("SYS_ALIAS_2#5"."OWNER#"="SYS_ALIAS_1#4"."USER#")
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2435352218
VEstatus=SUCCESS estttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2250309739
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3026374703

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```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1582996609
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1436929481
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=813380258
```



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kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2007715800
  kkoatGetPreds(enter)
    sPreds (3) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (J): canSamp=1 cdn=25 maxCard=25
  kkoatFindSampleTable (CO): canSamp=1 cdn=75222 maxCard=75222
  kkoatFindSampleTable (SYS_ALIAS_2): canSamp=1 cdn=75222 maxCard=75222
  kkoatFindSampleTable (SYS_ALIAS_1): canSamp=1 cdn=97 maxCard=75222
  kkoatFindSampleTable(exit): tab=CO
  kkoatVerifyEst: sPreds = ("J#2"."CLASS_OID"="CO#3"."OBJ#") AND
("J#2"."OBJ#"="SYS_ALIAS_2#5"."OBJ#") AND
("SYS_ALIAS_2#5"."OWNER#"="SYS_ALIAS_1#4"."USER#")
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2007715800
VEstatus=SUCCESS esttype=JOIN prelen=4 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=2783780764

```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2250309739
  VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2338825407
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2338825407
  VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
  est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kestsacAddEstCtx(): resizing hash table to 128 entries
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2153782928
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2153782928
  VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2192758279
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=119433542
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=119433542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3172441831
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2359061573
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3172441831
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3172441831
```



```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3357484310
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=2359061573
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=1241016676
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=4 id=1055974197
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=2396376867

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kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2396376867
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2581419346
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2581419346
VEstatus=EXISTS estttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)

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pass=4 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1582996609
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN

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kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2153782928
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2929847892
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
Vstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2396376867
Vstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=4 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2338825407
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2338825407
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2153782928
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2396376867
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```



```
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x00000000273EA750
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x000000002313C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3357484310
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=872591775
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2212994445
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1589445222
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2929847892
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2783780764
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=4 id=3114890371
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2968823243
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2783780764
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2116467634
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2116467634
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=629997836
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```

    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=1970400506
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1970400506
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=1018658903
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=2017081640
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=1832039161
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=3172441831
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)

```



```
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3357484310
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=872591775
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2212994445
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI2"@ "SEL$30",
"DI"@ "SEL$30", "JU"@ "SEL$12", "JO"@ "SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1241016676
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@ "SEL$30",
"J"@ "SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@ "SEL$30",
"J"@ "SEL$12", "CO"@ "SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@ "SEL$30",
"J"@ "SEL$12", "CO"@ "SEL$12", "JO"@ "SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2581419346
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2581419346
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2435352218
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1582996609
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@ "SEL$30",
"JO"@ "SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=96526811
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@ "SEL$30",
"JU"@ "SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1436929481
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI2"@ "SEL$30",
"JU"@ "SEL$12", "JO"@ "SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@ "SEL$12", "CO"@ "SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=2153782928
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
```

```
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=2338825407
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2338825407
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=2153782928
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
```



```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2192758279
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)

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table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)

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```
pass=4 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=4 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustement)
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1241016676
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30) est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3172441831
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```



```

table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2581419346
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2581419346
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3357484310
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=4 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1582996609
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
```

```
pass=4 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "DI"@SEL$30",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "DI"@SEL$30",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=4 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "DI"@SEL$30",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "DI"@SEL$30",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
```

```
pass=4 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2153782928
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2929847892
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```



```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=2338825407
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2338825407
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2153782928
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x000000002313C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F19C00
  kkoatSetupQbCtx(exit): passNum=4 qbcDone=no atDone=no
  pass=4 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=4 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LU"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=998422737
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=776064964
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=242593939
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x00000000273EA750
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=4 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31, "LO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=4 id=1871014512
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=4 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31,
"LO"@SEL$31, "PO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31,
"LO"@SEL$31, "PO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1443378094

```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=4 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=4 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=4 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1774487701
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31",
"LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=4 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=4 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
  new_est=22.09
  kkoatVerifyEst(enter)
  pass=4 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31", "PO"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31", "PO"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"PO"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=687549296
Vestatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31", "PO"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31", "PO"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31", "PO"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("L"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=629997836
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31, "L"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=4 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31,
"L"@SEL$31, "LCO"@SEL$31, "PO"@SEL$31, "LU"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31,
"L"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=4 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1871014512
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
```



```
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=4 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=4 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=4 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=4 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=591022485
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=4 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=57551460
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x00000000273EA750
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=4 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=998422737
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=4 id=776064964
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=242593939
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x000000002307C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=4 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31", "LO"@SEL$31",
"LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1871014512
Vestatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31,
"LO"@SEL$31, "LCO"@SEL$31, "PO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1443378094
Vestatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccReUse(exit)
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
    kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
    kkoatVerifyIdxAccReUse(exit)
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=1685972033
    kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccReUse(exit)
    kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
    kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
    kkoatVerifyIdxAccReUse(exit)
    kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=872591775
    kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31", "LO"@SEL$31",
"PO"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS

```

```
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31,
"LO"@SEL$31, "PO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1685972033
```



```
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31", "LO"@SEL$31",
"LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31", "LO"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31", "LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1774487701
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1774487701
VEstatus=NOROWS estttype=JOIN prelen=2 tables=("L"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1628420573
VEstatus=NOROWS estttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1871014512
VEstatus=NOROWS estttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31, "PO"@SEL$31")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "PO"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31",
"LO"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"PO"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31", "PO"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31", "PO"@SEL$31",
"LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31", "PO"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=1685972033
    kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=1832039161
    kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=833616424
    kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=591022485
    kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("L"@SEL$31",
"LU"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=629997836
    kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31", "L"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=1628420573
    kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31")

```



```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1443378094
Vestatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=872591775
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
Vlstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=687549296
Vlstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
Vlstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=96526811
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LO"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=3963857689
Vlstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@ "SEL$31",
"LU"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=444955357
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=4 id=591022485
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=57551460
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@ "SEL$31", "L"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```

table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1443378094
Vestatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31,
"L"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN

```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)

```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```



```
kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"L"@SEL$31", "LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=96526811
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=96526811
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=4 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=4206451628
Vlstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=57551460
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=4 id=591022485
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
```



```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=57551460
kkoatVerifyEst: complete, qbName=SEL$31 pass=4 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x000000002307C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000016E8AB58
kkoatSetupQbCtx(exit): passNum=3 qbcDone=no atDone=no
pass=3 id=402958856
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5) est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7) est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9) est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11) est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x00000000273EA750
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=3 id=1216339114
  kkoatGetPreds(enter)
    sPreds (7) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=9
  kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
  kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=11
  kkoatFindSampleTable(exit): tab=A
  kkoatVerifyEst: sPreds = ("A#3"."NAME"='INSTANCE') AND
("A#3"."TASK_ID"="A#6"."ID") AND ("A#6"."ADVISOR_NAME" LIKE :B1) AND
("A#6"."NAME" LIKE :B2) AND (BITAND("A#6"."PROPERTY",6)=4) AND
("A#2"."TASK_ID"="A#6"."ID") AND ("A#2"."NAME"='DB_ID')
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1216339114
VEstatus=SUCCESS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)

```

```
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1992404078
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$11", "J"@ "SEL$2", "A"@ "SEL$7", "E"@ "SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
V!status=PASSNUM estttype=JOIN prelen=7 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$11", "J"@ "SEL$2", "A"@ "SEL$7", "E"@ "SEL$5", "JL"@ "SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$11", "J"@ "SEL$2", "A"@ "SEL$7", "JL"@ "SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1458933053
  VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
  VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
  VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
  VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3186739620
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```

kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1558319047
  kkoatGetPreds(enter)
    sPreds (8) =          nsPreds (0) =    kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=9
  kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
  kkoatFindSampleTable (E): canSamp=1 cdn=26 maxCard=26
  kkoatFindSampleTable(exit): tab=E
kkoatVerifyEst: sPreds =
("A#3"."NAME"='INSTANCE') AND ("A#3"."TASK_ID"="A#6"."ID") AND
("A#6"."ADVISOR_NAME" LIKE :B1) AND ("A#6"."NAME" LIKE :B2) AND
(BITAND("A#6"."PROPERTY",6)=4) AND ("A#6"."ID"="E#5"."TASK_ID") AND
("A#6"."ADVISOR_ID"="E#5"."ADVISOR_ID") AND
("A#6"."LAST_EXEC_NAME"="E#5"."NAME")
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1558319047
VEstatus=SUCCESS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=3 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3332806748

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2334384011
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2188316883
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1800912986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=3 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```



```
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2576977950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1412251919
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
```

```

kkoatVerifyEst(enter)
pass=3 id=993981341
kestsacAddEstCtx(): resizing hash table to 64 entries
kkoatGetPreds(enter)
sPreds (7) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=9
kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
kkoatFindSampleTable (J): canSamp=0 cdn=26 maxCard=11
kkoatFindSampleTable(exit): tab=A
kkoatVerifyEst: sPreds =
("A#3"."NAME"='INSTANCE') AND ("A#3"."TASK_ID"="A#6"."ID") AND
("A#6"."ADVISOR_NAME" LIKE :B1) AND ("A#6"."NAME" LIKE :B2) AND
(BITAND("A#6"."PROPERTY",6)=4) AND ("J#1"."JOB_NAME"='ADV_'||"A#6"."NAME")
AND ("A#6"."OWNER_NAME"="J#1"."OWNER")
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=993981341
VEstatus=SUCCESS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1992404078
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)

```

```
pass=3 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```



```
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2334384011
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=3 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2188316883
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=3 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=3 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1236575280
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2576977950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1090508152
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=2088930889
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=847914213
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
```



```
pass=3 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2188316883
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1090508152
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```

kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=460510316
  kkoatGetPreds(enter)
  sPreds (7) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=9
  kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
  kkoatFindSampleTable (JL): canSamp=0 cdn=16 maxCard=11
  kkoatFindSampleTable(exit): tab=A
  kkoatVerifyEst: sPreds =
("A#3"."NAME"='INSTANCE') AND ("A#3"."TASK_ID"="A#6"."ID") AND
("A#6"."ADVISOR_NAME" LIKE :B1) AND ("A#6"."NAME" LIKE :B2) AND
(BITAND("A#6"."PROPERTY",6)=4) AND
("JL#0"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="JL#0"."OWNER")
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=460510316
VEstatus=SUCCESS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS

```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1458933053
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1800912986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```



```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1236575280
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1236575280
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=3 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2234998017
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
```

```

pass=3 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=71849249
kkoatGetPreds(enter)
sPreds (7) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=9
kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=11
kkoatFindSampleTable(exit): tab=A
kkoatVerifyEst: sPreds = ("A#4"."NAME"='DAYS_TO_EXPIRE') AND
("A#4"."TASK_ID"="A#6"."ID") AND ("A#6"."ADVISOR_NAME" LIKE :B1) AND
("A#6"."NAME" LIKE :B2) AND (BITAND("A#6"."PROPERTY",6)=4) AND
("A#3"."TASK_ID"="A#6"."ID") AND ("A#3"."NAME"='INSTANCE')
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=71849249
VEstatus=SUCCESS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN

```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1401381593
Vstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1216339114
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
Vstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1458933053
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1312865925
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2088930889
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1992404078
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```



```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```

kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=1255314465
  kkoatGetPreds(enter)
    sPreds (7) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
  kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=11
  kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=11
  kkoatFindSampleTable(exit): tab=A
  kkoatVerifyEst: sPreds = (BITAND("A#6"."PROPERTY",6)=4) AND
("A#6"."ADVISOR NAME" LIKE :B1) AND ("A#6"."NAME" LIKE :B2) AND
("A#2"."TASK_ID"="A#6"."ID") AND ("A#2"."NAME"='DB_ID') AND
("A#4"."TASK_ID"="A#6"."ID") AND ("A#4"."NAME"='DAYS_TO_EXPIRE')
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1255314465
VEstatus=SUCCESS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)

```

```
kkoatVerifyEst(enter)
pass=3 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=3 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2595717135
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2595717135
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2838311074
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2838311074
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1255314465
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=217916377
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```

table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1216339114
V!status=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2556741784
V!status=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
V!status=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)

```

```
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1458933053
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER

```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=3 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=3429333559  
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "E"@SEL\$5", "J"@SEL\$2", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=3 id=1312865925  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=1312865925  
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=3 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=2653268595  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "A"@SEL\$7", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=3 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=3429333559  
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2")

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=3 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=217916377
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1992404078
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1992404078
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2234998017
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```



```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3186739620
```

```

kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=645552795
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=645552795
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1985955465
kkoatGetPreds(enter)
sPreds (8) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
kkoatFindSampleTable (JL): canSamp=0 cdn=16 maxCard=11
kkoatFindSampleTable (E): canSamp=1 cdn=26 maxCard=26
kkoatFindSampleTable(exit): tab=E
kkoatVerifyEst: sPreds =
(BITAND("A#6"."PROPERTY",6)=4) AND ("A#6"."ADVISOR_NAME" LIKE :B1) AND
("A#6"."NAME" LIKE :B2) AND ("JL#0"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="JL#0"."OWNER") AND ("A#6"."ID"="E#5"."TASK_ID") AND
("A#6"."ADVISOR_ID"="E#5"."ADVISOR_ID") AND
("A#6"."LAST_EXEC_NAME"="E#5"."NAME")
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1985955465
VEstatus=SUCCESS estttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5") est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)

```

```
pass=3 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2762020429
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=3760443166
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3760443166
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2615953301
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2615953301
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=2984378202
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2984378202
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3760443166
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=3760443166  
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"E"@SEL\$5", "A"@SEL\$11", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=3 id=3575400687  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=3575400687  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"E"@SEL\$5", "A"@SEL\$11", "J"@SEL\$2", "A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=3 id=3614376038  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=3614376038  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"E"@SEL\$5", "A"@SEL\$11", "J"@SEL\$2", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=3 id=2799335723  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=2799335723  
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"E"@SEL\$5", "A"@SEL\$11", "A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=3 id=3575400687  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=3575400687  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"E"@SEL\$5", "A"@SEL\$11", "A"@SEL\$9", "J"@SEL\$2")

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2838311074
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2838311074
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1800912986
  VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2576977950
  VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
  VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=460510316
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=460510316
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1800912986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=499485667
  kkoatGetPreds(enter)
    sPreds (7) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=9
  kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
  kkoatFindSampleTable (JL): canSamp=0 cdn=16 maxCard=11
  kkoatFindSampleTable(exit): tab=A
  kkoatVerifyEst: sPreds =
("A#4"."NAME"='DAYS_TO_EXPIRE') AND ("A#4"."TASK_ID"="A#6"."ID") AND
("A#6"."ADVISOR_NAME" LIKE :B1) AND ("A#6"."NAME" LIKE :B2) AND
(BITAND("A#6"."PROPERTY",6)=4) AND
("JL#0"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="JL#0"."OWNER")

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=499485667
VEstatus=SUCCESS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1839888337
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1839888337
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2615953301
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2615953301
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x00000000273EA750
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
```

```
pass=3 id=402958856
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=0.29
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=998422737
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027398040
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
```

kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=3 id=217916377  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=217916377  
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
est=0.29 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=3 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=1216339114  
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11") est=0.29 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)

```
pass=3 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2556741784
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```



```
pass=3 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1992404078
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2234998017
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2088930889
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1458933053
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```



```
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
```

```
pass=3 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1558319047
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1558319047
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=3 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2556741784
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```



```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2334384011
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2576977950
Vlstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1800912986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=2799335723
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
```

```
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```



```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1412251919
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1412251919
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=993981341
VEstatus=EXISTS estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1992404078
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=3 id=2088930889
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
      VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
      "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
        kkoatVerifyEst(exit)
          kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
      pass=3 id=3429333559
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
      VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
      "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
        kkoatVerifyEst(exit)
          kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```



```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2334384011
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=3 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=256891728
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyEst(enter)
    pass=3 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
    VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
    "A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=3 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
    VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
    "A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=3 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
    VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
    "A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=3 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
    VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
    "A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
    table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
    type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
    kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
    new_est=1.00
    kkoatVerifyIdxAcc(enter)
    table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
    type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
    kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
    new_est=0.03
    kkoatVerifyEst(enter)
    pass=3 id=1401381593
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1401381593
    VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
    est=11.00 est_nav=11.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
    table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
    table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
    type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
    VEstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)

```

```
pass=3 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
  VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=3 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
    VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
      kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
      table=A index=WRI$_ADV_TASKS_PK estType=SCAN
      kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
      type=SCAN
      kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
      kkoatVerifyIdxAcc(enter)
      table=A index=WRI$_ADV_TASKS_PK estType=FILTER
      kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
      type=FILTER
      kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
      kkoatVerifyIdxAcc(enter)
      table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
      kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
      type=FILTER
      kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
      kkoatVerifyEst(enter)
      pass=3 id=217916377
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=217916377
      VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
      est=0.29 est_nav=0.29 (no adjustment)
      kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
      table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
      kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
      kkoatVerifyIdxAcc(enter)
      table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
      kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
      type=FILTER
      kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
      kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
      new_est=0.03
      kkoatVerifyEst(enter)
      pass=3 id=1216339114
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1216339114
      VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.29 est_nav=0.29 (no adjustment)
      kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
```



```
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=256891728
  VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
  new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1255314465
  VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=3 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2556741784
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@ "SEL$7", "A"@ "SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$9") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=3 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$9", "A"@ "SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER

```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```



```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
Vlstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=256891728
Vlstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$9") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$9", "A"@ "SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=645552795
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=645552795
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1985955465
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1985955465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5") est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2762020429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2762020429
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3760443166
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3760443166
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyEst(enter)
      pass=3 id=217916377
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=217916377
      VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
      est=0.29 est_nav=0.29 (no adjustment)
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
        pass=3 id=460510316
        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=460510316
        VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
        "JL"@SEL$1") est=0.29 est_nav=0.29 (no adjustment)
      kkoatVerifyEst(exit)
        kkoatVerifyIdxAcc(enter)
          table=E index=WRI$_ADV_EXECS_PK estType=SCAN
            kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
              kkoatVerifyIdxAcc(enter)
                table=E index=WRI$_ADV_EXECS_PK estType=FILTER
                  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
                    kkoatVerifyIdxAcc(enter)
                      table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
                        kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
                          kkoatVerifyIdxAcc(enter)
                            table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
                              kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
                                kkoatVerifyIdxAcc(enter)
                                  table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
                                    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
                                      kkoatVerifyIdxAcc(enter)
                                        table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
                                          kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
                                            kkoatVerifyEst(enter)
                                              pass=3 id=1800912986
                                              kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1800912986
                                              VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
                                              "JL"@SEL$1", "E"@SEL$5")
                                            kkoatVerifyEst(exit)
                                              kkoatVerifyEst(enter)
                                                pass=3 id=2576977950
                                                kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2576977950
                                                VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
                                                "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
                                              kkoatVerifyEst(exit)
                                                kkoatVerifyIdxAcc(enter)
                                                  table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
                                                    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
                                                      kkoatVerifyIdxAcc(enter)
                                                        table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
                                                          kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
                                                          type=FILTER
                                                            kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=3 id=3575400687
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
    VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
    "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
        table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
        kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
        kkoatVerifyIdxAcc(enter)
          table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
          kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
          type=FILTER
          kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
          Vistatus=success est=0.25 (no adjustment)
          kkoatVerifyEst(enter)
            pass=3 id=3429333559
            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
            VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
            "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
            kkoatVerifyEst(exit)
              kkoatVerifyIdxAcc(enter)
                table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
                kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
                kkoatVerifyIdxAcc(enter)
                  table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
                  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
                  type=FILTER
                  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
                  Vistatus=success est=0.25 (no adjustment)
                  kkoatVerifyEst(enter)
                    pass=3 id=2430910822
                    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
                    VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
                    "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
                    kkoatVerifyEst(exit)
                      kkoatVerifyIdxAcc(enter)
                        table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
                        kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
                        kkoatVerifyIdxAcc(enter)
                          table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
                          kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
                          type=FILTER
                          kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
                          kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
                          new_est=0.03
                            kkoatVerifyEst(enter)
                              pass=3 id=3429333559
                              kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
                              VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
                              "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
                              kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=499485667
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=499485667
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1839888337
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1839888337
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2615953301
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2615953301
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027398040
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=3 id=402958856
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=4109924817
```



kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=4109924817  
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL\$9") est=0.29  
est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SKIP\_SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)  
kkoatVerifyEst(enter)  
pass=3 id=998422737  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=998422737  
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL\$11") est=8.84  
est\_nav=8.84 adjfac=0.1131 new\_est=1.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SKIP\_SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131  
new\_est=1.00  
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58  
joP=0x0000000027398040  
kkoatRestoreJoinOrder(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=3 id=217916377  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=217916377  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
est=0.29 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1216339114
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
Vstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
Vstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1458933053
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
```



kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=3 id=1312865925  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=1312865925  
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=3 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=2653268595  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "A"@SEL\$7", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=3 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=3429333559  
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=3 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=2088930889  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "A"@SEL\$7", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2234998017
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1992404078
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3575400687
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
V!status=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1412251919
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1412251919
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=3 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1654845858
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2188316883
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=3 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=314443188
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=314443188
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```



```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1654845858
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
Vstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1090508152
Vstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=847914213
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2188316883
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1090508152
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```



```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=1558319047
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1558319047
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2556741784
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
  VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1412251919
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1412251919
  VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=3 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=71849249
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=71849249
VEstatus=EXISTS estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=3 id=3429333559
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
  VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1401381593
  VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
  est=9.00 est_nav=9.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1216339114
  VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=2.57 est_nav=2.57 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1070271986
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5",
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1255314465
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=7.23 est_nav=7.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
V!status=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
V!status=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
V!status=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS

```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1312865925
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
Vstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
Vstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1312865925
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=645552795
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=645552795
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1985955465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1985955465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5") est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2762020429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2762020429
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=3 id=3760443166
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3760443166
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=460510316
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=460510316
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1800912986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2576977950
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=499485667
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=499485667
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1839888337
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1839888337
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2615953301
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2615953301
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1654845858
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027398040
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=4 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=4 id=776064964
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=4 id=242593939
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000027507518
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=4 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000027507518
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NS0_1"@SEL$3CE29736", "E"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NS0_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NS0_1"@SEL$3CE29736")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NS0_1"@SEL$3CE29736",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000027507518
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000027507518
  kkoatSaveJoinOrder(exit)
```



```
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A500
kkoatSetupQbCtx(exit): passNum=4 qbcDone=no atDone=no
pass=4 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=4 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=4 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027507518
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=4 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=1871014512
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2435352218
VEstatus=TABESTMISS estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=4 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2783780764
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2435352218
VEstatus=TABESTMISS estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=J index=SCHEMULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2192758279
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2968823243
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2250309739
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027507518
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=4 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyEst(enter)
pass=4 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyEst(enter)
pass=4 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x00000000276F4028
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=4 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
```



```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1094949548
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=629997836
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=4 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=4 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vtstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vtstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vtstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vtstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vtstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vtstatus=NLPREDS
```



```
kkoatVerifyEst(enter)
pass=4 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2192758279
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
```

kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=4 id=3211417182  
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "J"@SEL\$12", "DI"@SEL\$30", "DI2"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=4 id=3026374703  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=4 id=3026374703  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "J"@SEL\$12", "DI"@SEL\$30", "DI2"@SEL\$30", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=4 id=2783780764  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=4 id=2783780764  
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "J"@SEL\$12", "DI"@SEL\$30", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=4 id=2007715800  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=4 id=2007715800  
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "J"@SEL\$12", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=4 id=2250309739  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=4 id=2250309739  
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "J"@SEL\$12", "CO"@SEL\$12", "DI2"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=4 id=3026374703  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=4 id=3026374703  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "J"@SEL\$12", "CO"@SEL\$12", "DI2"@SEL\$30", "DI"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=4 id=2783780764

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=4 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2250309739
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2007715800
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=852355609
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=852355609
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=852355609
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x00000000276F4028
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F18840
  kkoatSetupQbCtx(exit): passNum=4 qbcDone=no atDone=no
  pass=4 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=4109924817
VEstatus=SUCCESS estttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=4 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=4148900168
VEstatus=NOROWS estttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=4 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=998422737
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=776064964
VEstatus=NOROWS estttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=242593939
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027507518
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatVerifyEst(enter)
  pass=4 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=4 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=4 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=4 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=4 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=4 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=4 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=57551460
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027507518
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
    pass=4 id=4109924817
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=4 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=4 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=4 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=4 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027308040
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyEst(enter)
pass=4 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=833616424
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=4 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
```



```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027308040
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=3 id=402958856
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
```

```
pass=3 id=998422737
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027507518
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1558319047
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1558319047
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=3 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2334384011
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2334384011
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1800912986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```



```
pass=3 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2576977950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1412251919
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2188316883
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2188316883
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=3 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=3 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3332806748
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1458933053
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=993981341
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2334384011
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=3 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=256891728
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
  pass=3 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=3 id=1412251919
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1412251919
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
```

```
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=1401381593
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1401381593
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
```





```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1458933053
  VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1312865925
  VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
  VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
  VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2234998017
  VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
  VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
  VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1992404078
  VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
```



```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=3 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1255314465
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
Vstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
Vstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
  VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=217916377
  VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
  est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
  new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1216339114
  VEstatus=EXISTS estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2799335723
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=71849249
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03

```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
Vlstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
Vlstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
Vlstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_TASKS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=71849249
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```



```

table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1179023820
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1421617759
  kkoatGetPreds(enter)
    sPreds (5) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
  kkoatFindSampleTable (J): canSamp=0 cdn=2 maxCard=11
  kkoatFindSampleTable (JL): canSamp=0 cdn=16 maxCard=11
  kkoatFindSampleTable(exit): tab=A
  kkoatVerifyEst: sPreds = (BITAND("A#6"."PROPERTY",6)=4) AND
("A#6"."ADVISOR_NAME" LIKE :B1) AND ("A#6"."NAME" LIKE :B2) AND
("JL#0"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="JL#0"."OWNER")
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1421617759
VEstatus=SUCCESS estttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)

```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2519426490
kkoatGetPreds(enter)
sPreds(6) = nsPreds(0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable(A): canSamp=1 cdn=11 maxCard=11
kkoatFindSampleTable(J): canSamp=0 cdn=2 maxCard=11
kkoatFindSampleTable(E): canSamp=1 cdn=26 maxCard=26
kkoatFindSampleTable(exit): tab=E
kkoatVerifyEst: sPreds = (BITAND("A#6"."PROPERTY",6)=4) AND
("A#6"."ADVISOR_NAME" LIKE :B1) AND ("A#6"."NAME" LIKE :B2) AND
("A#6"."ID"="E#5"."TASK_ID") AND ("A#6"."ADVISOR_ID"="E#5"."ADVISOR_ID")
AND ("A#6"."LAST_EXEC_NAME"="E#5"."NAME")

*** 2013-01-09 23:53:38.660
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2519426490
VEstatus=SUCCESS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2762020429
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)

```

```

pass=3 id=3517849227
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3517849227
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2334384011
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2373359362
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2373359362
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=2177446557
kkoatGetPreds(enter)
sPreds (5) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
kkoatFindSampleTable (J): canSamp=0 cdn=2 maxCard=11
kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=11
kkoatFindSampleTable(exit): tab=A

```

```
kkoatVerifyEst: sPreds = (BITAND("A#6"."PROPERTY",6)=4) AND
("A#6"."ADVISOR_NAME" LIKE :B1) AND ("A#6"."NAME" LIKE :B2) AND
("A#2"."TASK_ID"="A#6"."ID") AND ("A#2"."NAME"='DB_ID')
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2177446557
VEstatus=SUCCESS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2420040496
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2420040496
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3517849227
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3517849227
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1992404078
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2031379429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2031379429
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1236575280
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1032956692
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1032956692
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1275550631
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1275550631
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027507518
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=4 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=4 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=4 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000022F9BFA0
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=4 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=4 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000022F9BFA0
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=242593939
kkoatVerifyEst: complete, qbName=SEL$52271521 pass=4 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x0000000022F8C058
kkoatRestoreJoinOrder(exit)
```

```
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x0000000022F8C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=4 id=242593939
kkoatVerifyEst: complete, qbName=SEL$44902B2C pass=4 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x0000000022F8BC08
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x0000000022F8BC08
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=4 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000022F81E20
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=4 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
```



```
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
jOP=0x0000000022F81E20
  kkoatSaveJoinOrder(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
jOP=0x0000000022F5C058
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
jOP=0x0000000022F5C058
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
    pass=4 id=4148900168
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
      kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
      kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
      kkoatVerifyIdxAcc: using access estimate for filter
      kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
      kkoatVerifyEst(enter)
      pass=4 id=1340402670
      kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
      kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
      kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
      kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
      kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
      kkoatVerifyEst(enter)
      pass=4 id=4109924817
      kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
      kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
      pass=4 id=998422737
      kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
      kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
      pass=4 id=776064964
      kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
      kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
      pass=4 id=242593939
      kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30)
      kkoatVerifyEst(exit)
```

```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
jOp=0x0000000022F571F8
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=4 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2435352218
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=4 id=3211417182
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=4 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=4 id=2968823243
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=4 id=3211417182
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=4 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
    kkoatVerifyEst(exit)

```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1436929481
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1970400506
VEstatus=CARTPROD estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2250309739
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=852355609
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000022F571F8
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
    pass=4 id=4148900168
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyEst(enter)
    pass=4 id=1340402670
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyEst(enter)
    pass=4 id=4109924817
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=4 id=998422737
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=4 id=776064964
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=4 id=242593939
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027BE4028
  kkoatRestoreJoinOrder(exit)
```

```
kkoatVerifyEst(enter)
pass=4 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1871014512
VEstatus=TABESTMISS estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1436929481
VEstatus=TABESTMISS estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=CARTPROD estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1436929481
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2250309739
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2968823243
VEstatus=TABESTMISS estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2007715800
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2007715800
VEstatus=TABESTMISS estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=852355609
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=852355609
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=852355609
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=852355609
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```



```
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2968823243
VEstatus=TABESTMISS estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=4 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027BE4028
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=4 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=4 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=4 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=444955357
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=4 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=4 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027BE4028
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=4 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=4 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=4 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=4 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=27.53 (no adjustment)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027598040
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=CANDFRO
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=CANDFRO
kkoatVerifyEst(enter)
pass=4 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31,
"LO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31,
"LO"@SEL$31, "L"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31,
"LO"@SEL$31, "L"@SEL$31, "LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```



```
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=591022485
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=444955357
Vlstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1443378094
Vlstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
```



```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027598040
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=3 id=402958856
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=402958856
Vlstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1340402670
Vlstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=4148900168
Vlstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027BE3E00
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2556741784
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1992404078
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
```



```
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2088930889
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1458933053
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2799335723
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=1070271986
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1846336950
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=1558319047
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1558319047
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2334384011
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=3 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1800912986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2576977950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=3 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1412251919
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=2410674656
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2188316883
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2430910822
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1992404078
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=3332806748
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3575400687
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=3 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=2234998017

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

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table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=3 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1401381593
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER

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kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=3 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=1216339114  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9") est=0.29 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=3 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=1070271986  
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=3 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=2410674656  
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=3 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=2653268595  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1")

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1458933053
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1992404078
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=3 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=1070271986
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=3 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=1216339114
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1216339114
VEstatus=EXISTS estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=3 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2556741784
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=3 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```



```
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=217916377
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=256891728
  VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=71849249
  VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1421617759
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1421617759
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2519426490
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2519426490
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2762020429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2762020429
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=3 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3517849227
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2334384011
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2373359362
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2373359362
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=2177446557
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2177446557
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2420040496
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2420040496
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3517849227
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3517849227
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1992404078
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2031379429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2031379429
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1236575280
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1032956692
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1032956692
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1275550631
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1275550631
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027BE3E00
  kkoatSaveJoinOrder(exit)
  kkoatInitCtx(enter): ctxP=0x000007FF0D1B6078 roundNum=4
  kkoatInitCtx(exit): timeSlice=3260
  kkoatVerifyEst(enter)
  pass=4 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=4 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=4 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000027598040
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=4 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000027598040
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E56BAB0
  kkoatStatsCollectTab(enter): froP=0x0000000016EBA3A8
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EBA3A8
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016EBA6A8
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17680 froP=0x0000000016EBA6A8
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
```

```
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33)
kkoatVerifyEst(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E56C990
kkoatStatsCollectTab(enter): froP=0x0000000016EC4860
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EC4860
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016EC4DB8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17680 froP=0x0000000016EC4DB8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E5969C8
kkoatStatsCollectTab: skip fro=000000001E5969C8
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=4 id=242593939
kkoatVerifyEst: complete, qbName=SEL$19 pass=4 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("WM"@SEL$19) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
```

```
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x0000000027598040
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x0000000027598040
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E52A4F8
  kkoatStatsCollectTab(enter): froP=0x000000001E52A170
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17780 froP=0x000000001E52A170
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=4 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=776064964
VEstatus=SUCCESS estttype=TABLE prelen=1 tables=("U"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=4 id=2113250766
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2113250766
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1593508212
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1593508212
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=598302687
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=598302687
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=402958856
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=402958856
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=998422737
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x0000000027598040
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
```



```
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1428873322
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=4 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3036469072
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3585495056
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3585495056
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3439427928
VEstatus=PASSNUM estttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17", "CMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3367578679
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3367578679
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3182536200
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3182536200
VEstatus=PASSNUM estttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3036469072
VEstatus=PASSNUM estttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=4 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=4 id=1179023820
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=4 id=2519426490
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2519426490
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER

```

```
kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1428873322
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
```



```
pass=4 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3036469072
VEstatus=PASSNUM estttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3439427928
VEstatus=PASSNUM estttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1018658903
VEstatus=TABESTMISS estttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```

table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=4130332406
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1696066402
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=4 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=4130332406
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3182536200
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17",
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1179023820
```

kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=4 id=1179023820  
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL\$18",  
"WMU"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=WMO index=I\_OBJ2 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=WMO index=I\_OBJ2 type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=WMO index=I\_OBJ2 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=WMO index=I\_OBJ2 type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=WMO index=I\_OBJ4 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=WMO index=I\_OBJ4 type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=4 id=2519426490  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=4 id=2519426490  
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL\$18",  
"WMU"@SEL\$17", "WMO"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=4 id=1374367651  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=4 id=1374367651  
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL\$18",  
"D"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_SCHEDULER\_WINGRP\_MEMBER2 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2  
index=I\_SCHEDULER\_WINGRP\_MEMBER2 type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_SCHEDULER\_WINGRP\_MEMBER2 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2  
index=I\_SCHEDULER\_WINGRP\_MEMBER2 type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=4 id=2967875863  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=4 id=2967875863  
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL\$18",  
"D"@SEL\$17", "WG"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_1 index=SCHEDULER\$WINDOW\_GROUP\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_1 index=SCHEDULER\$WINDOW\_GROUP\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=4 id=786159333

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=786159333
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1784582070
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1784582070
  VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2027176009
  VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1842133530
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```



```
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1018658903
Vestatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2017081640
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=4130332406
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=4130332406
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=4 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1428873322
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=4 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3036469072
VEstatus=PASSNUM estttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=3439427928
VEstatus=PASSNUM estttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=4 id=2116467634
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x0000000027598040
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E516AD0
kkoatStatsCollectTab(enter): froP=0x000000001E52B980
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E52B980
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E52BBE0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E52BBE0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E52BFC8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17968 froP=0x000000001E52BFC8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E510500
```

```
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E510500
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E5107F0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E5107F0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E510AE0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E510AE0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E510FA0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E510FA0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E5115A0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E5115A0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E5118A0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17780 froP=0x000000001E5118A0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E511B60
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17A68 froP=0x000000001E511B60
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=4 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=4 id=776064964
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("D"@SEL$15")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
jopP=0x0000000027598040
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=4 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=4 id=1018658903
VEstatus=NOROWS estttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
jopP=0x0000000027598040
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=4 id=776064964
```

```
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=4 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$15")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x0000000027811E60
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyEst(enter)
  pass=4 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=4 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x0000000027811E60
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E4F51A8
    kkoatStatsCollectTab(enter): froP=0x000000001E516DE0
  kkoatStatsCollectTab: skip fro=000000001E516DE0
    kkoatStatsCollectTab(enter): froP=0x000000001E517330
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001E517330
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
    kkoatVerifyEst(enter)
  pass=4 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=4 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=4 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=4 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("AO"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x0000000027598040
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "AO"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
      kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
      kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
      kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
      kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
        kkoatVerifyEst(enter)
pass=4 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=833616424
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=1774487701
  Vstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "O"@SEL$26")
  est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=2017081640
  Vstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=1832039161
  Vstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26", "AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=591022485
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=833616424
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=833616424
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.03 (no adjustment)
```



```

    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.03 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.03 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=1589445222
    kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=591022485
    kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccDerive(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
    kkoatVerifyIdxAccDerive(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
    kkoatVerifyIdxAccDerive(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
    kkoatVerifyIdxAccDerive(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=813380258
    kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=4 id=813380258
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("U"@SEL$26",
"O"@SEL$26")
    kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x0000000027598040

```

```
kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E570430
  kkoatStatsCollectTab(enter): froP=0x000000001E54C648
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E54C648
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E54C948
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E54C948
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E54CC38
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E54CC38
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E54CF80
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E54CF80
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=4 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=4 id=776064964
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("O"@SEL$28")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=4 id=242593939
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("D"@SEL$28") est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C558
jopP=0x0000000027598040
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=4 id=1018658903
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("D"@SEL$28", "O"@SEL$28")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
```

```
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x0000000027598040
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E5AF658
    kkoatStatsCollectTab(enter): froP=0x000000001E5455F0
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E5455F0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x000000001E5458E0
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E5458E0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
  pass=4 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$23 pass=4 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("R01"@ "SEL$23")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ2 estType=SKIP_SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ5 estType=SKIP_SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x0000000027598040
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x0000000027598040
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E572E20
    kkoatStatsCollectTab(enter): froP=0x000000001E572398
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E572398
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
  pass=4 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$24 pass=4 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L01"@ "SEL$24")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=L01 index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x0000000027598040
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x0000000027598040
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E571FB8
```

```
kkoatStatsCollectTab(enter): froP=0x000000001E5715C0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17C70 froP=0x000000001E5715C0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=4 id=242593939
kkoatVerifyEst: complete, qbName=SEL$21 pass=4 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21) est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BB28
joP=0x0000000027598040
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BB28
joP=0x0000000027598040
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E522ED0
kkoatStatsCollectTab(enter): froP=0x000000001E57B668
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17968 froP=0x000000001E57B668
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=4 id=242593939
kkoatVerifyEst: complete, qbName=SEL$22 pass=4 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x0000000027598040
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x0000000027598040
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E57B280
kkoatStatsCollectTab(enter): froP=0x000000001E573AC8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001E573AC8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=4 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
```

```
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000027598040
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyEst(enter)
      pass=4 id=1774487701
      kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
      kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
      pass=4 id=1589445222
      kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
      kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
      pass=4 id=1832039161
      kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
      kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
      pass=4 id=591022485
      kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"J1"@SEL$20")
      kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
      pass=4 id=1589445222
      kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20")
      kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
      pass=4 id=1832039161
      kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20", "JD1"@SEL$20")
      kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
      pass=4 id=833616424
      kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20")
      kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
      pass=4 id=1832039161
      kkoatVerifyEst: complete, qbName=SEL$20 pass=4 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "O1"@SEL$20")
      kkoatVerifyEst(exit)
      kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000027598040
```

```
kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E528780
  kkoatStatsCollectTab(enter): froP=0x000000001E570740
kkoatStatsCollectTab: skip fro=000000001E570740
  kkoatStatsCollectTab(enter): froP=0x000000001E570A30
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E570A30
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E573130
  kkoatStatsCollectTab: skip fro=000000001E573130
  kkoatStatsCollectTab(enter): froP=0x000000001E5231E0
  kkoatStatsCollectTab: skip fro=000000001E5231E0
  kkoatStatsCollect(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000027598040
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000027598040
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x0000000016F031E8
  kkoatStatsCollectTab(enter): froP=0x0000000016F02E00
  kkoatStatsCollectTab: skip fro=0000000016F02E00
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=4 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=4 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=4 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=998422737
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30") est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027598040
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=4 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2212994445
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=4 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=4 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
```

kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=4 id=3026374703  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "J"@SEL\$12", "DI2"@SEL\$30", "DI"@SEL\$30", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=4 id=2250309739  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=4 id=2250309739  
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "J"@SEL\$12", "DI2"@SEL\$30", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=4 id=3026374703  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=4 id=3026374703  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "J"@SEL\$12", "DI2"@SEL\$30", "CO"@SEL\$12", "DI"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=4 id=2968823243  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=4 id=2968823243  
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "J"@SEL\$12", "DI"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=4 id=3211417182  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=4 id=3211417182  
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "J"@SEL\$12", "DI"@SEL\$30", "DI2"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=4 id=3026374703  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=4 id=3026374703  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "J"@SEL\$12", "DI"@SEL\$30", "DI2"@SEL\$30", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=4 id=2783780764

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2007715800
VEstatus=TABESTMISS estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=852355609
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=852355609
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027598040
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=4 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=4 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=4 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=776064964
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=776064964
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=242593939
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("DI2"@SEL$30)
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x00000000278E4028
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=4 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=96526811
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=872591775
VEstatus=CARTPROD estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=TABESTMISS estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=3211417182
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=2435352218
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=3211417182
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
    kkoatVerifyEst(exit)

```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2212994445
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=4 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2435352218
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ _JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@ "SEL$12",
"JO"@ "SEL$12", "DI"@ "SEL$30", "DI2"@ "SEL$30", "J"@ "SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I _OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I _OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@ "SEL$12",
"JO"@ "SEL$12", "DI"@ "SEL$30", "DI2"@ "SEL$30", "J"@ "SEL$12", "CO"@ "SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ _JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ _JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2968823243
VEstatus=TABESTMISS estttype=JOIN prelen=4 tables=("JU"@ "SEL$12",
"JO"@ "SEL$12", "DI"@ "SEL$30", "J"@ "SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("JU"@ "SEL$12",
"JO"@ "SEL$12", "DI"@ "SEL$30", "J"@ "SEL$12", "DI2"@ "SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I _OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I _OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@ "SEL$12",
"JO"@ "SEL$12", "DI"@ "SEL$30", "J"@ "SEL$12", "DI2"@ "SEL$30", "CO"@ "SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I _OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2192758279
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2783780764
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2007715800
VEstatus=TABESTMISS estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=852355609
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=852355609
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=852355609
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=852355609
```

kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=4 id=852355609  
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL\$12",  
"J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ1  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ2 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ2  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ2 estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=SYS\_ALIAS\_2 index=I\_OBJ2  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ4 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ4  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=4 id=1194335542  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=4 id=1194335542  
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL\$12",  
"JO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=4 id=1436929481  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=4 id=1436929481  
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "DI2"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=4 id=2212994445  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=4 id=2212994445  
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "DI2"@SEL\$30", "DI"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$JOB\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$JOB\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=4 id=3211417182  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=4 id=3211417182  
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "DI2"@SEL\$30", "DI"@SEL\$30", "J"@SEL\$12")  
kkoatVerifyEst(exit)

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=4 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2435352218
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=4 id=2783780764
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=852355609
```





```
kkoatStatsCollectTab(enter): froP=0x0000000016EFE7E8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17968 froP=0x0000000016EFE7E8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016EFEAD8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EFEAD8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016EFED60
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x0000000016EFED60
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016EFF118
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EFF118
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=4 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=4 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyEst(enter)
pass=4 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=242593939
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027598040
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatVerifyEst(enter)
  pass=4 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=4 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=4 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=4 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=4 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=4 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=4 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=57551460
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027598040
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
    pass=4 id=4109924817
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyEst(enter)
    pass=4 id=4148900168
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatVerifyEst(enter)
    pass=4 id=998422737
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=4 id=776064964
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=4 id=242593939
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027877FD8
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyEst(enter)
pass=4 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1685972033
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```



```
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=833616424
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=57551460
Vestatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=591022485
Vestatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=444955357
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1443378094
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
```

```
pass=4 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=4 id=57551460
V!status=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
j!oP=0x0000000027877FD8
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qb!cP=0x0000000016EFCFA0
kkoatStatsCollectTab(enter): froP=0x000000001CFEB2F8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
l!objCtxP=0x0000000012F17580 froP=0x000000001CFEB2F8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001CFEB600
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
l!objCtxP=0x0000000012F17B70 froP=0x000000001CFEB600
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001CFEB8F0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
l!objCtxP=0x0000000012F17580 froP=0x000000001CFEB8F0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001CFEBBE0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
l!objCtxP=0x0000000012F17870 froP=0x000000001CFEBBE0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001CFEC040
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
l!objCtxP=0x0000000012F17C70 froP=0x000000001CFEC040
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=3 id=402958856
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=402958856
V!status=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1340402670
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=3 id=4148900168
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=4148900168
      VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
      est_nav=8.84 (no adjustment)
      kkoatVerifyEst(exit)
        kkoatVerifyIdxAcc(enter)
          table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
          kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
          kkoatVerifyIdxAcc(enter)
            table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
            kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
            kkoatVerifyEst(enter)
              pass=3 id=4109924817
              kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=4109924817
              VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
              est_nav=8.84 (no adjustment)
              kkoatVerifyEst(exit)
                kkoatVerifyIdxAcc(enter)
                  table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
                  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
                  kkoatVerifyIdxAcc(enter)
                    table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
                    kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
                    kkoatVerifyEst(enter)
                      pass=3 id=998422737
                      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=998422737
                      VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
                      est_nav=8.84 adjfac=0.1131 new_est=1.00
                      kkoatVerifyEst(exit)
                        kkoatVerifyIdxAcc(enter)
                          table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
                          kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
                          new_est=1.00
                          kkoatVerifyIdxAcc(enter)
                            table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
                            kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
                            new_est=1.00
                            kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
                            joP=0x0000000027598040
                            kkoatRestoreJoinOrder(exit)
                              kkoatVerifyIdxAcc(enter)
                                table=A index=WRI$_ADV_TASKS_PK estType=SCAN
                                kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
                                type=SCAN
                                kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                                kkoatVerifyIdxAcc(enter)
                                  table=A index=WRI$_ADV_TASKS_PK estType=FILTER
                                  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
                                  type=FILTER
                                  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3332806748
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=3575400687  
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=3 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=3429333559  
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=3 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=2653268595  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=3 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=3429333559  
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$7", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=3 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=2410674656  
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "A"@SEL\$7")

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1458933053
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=1558319047
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1558319047
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=3 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
```

```
pass=3 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2334384011
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1800912986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=3 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=2576977950
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2576977950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=1412251919
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1412251919
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2188316883
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
```

```
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=993981341
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1992404078
Vestatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"J"@ "SEL$2", "A"@ "SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"J"@ "SEL$2", "A"@ "SEL$11", "E"@ "SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"J"@ "SEL$2", "A"@ "SEL$11", "E"@ "SEL$5", "JL"@ "SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2234998017
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=256891728
  VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=71849249
  VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=3 id=1401381593  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=1401381593  
Vstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$5", "A"@SEL\$11")  
est=11.00 est\_nav=11.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=3 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=1216339114  
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9") est=0.29 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=3 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=3 id=1070271986  
Vstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)

```
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2556741784
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2653268595
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=3 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1458933053
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=3 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1992404078
Vestatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
```

```
pass=3 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=3 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=3 id=1070271986
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=3 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=256891728
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=71849249
VEstatus=EXISTS estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$9", "A"@ "SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$9", "A"@ "SEL$11", "E"@ "SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$9", "A"@ "SEL$11", "E"@ "SEL$5", "J"@ "SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$9", "A"@ "SEL$11", "E"@ "SEL$5", "J"@ "SEL$2", "JL"@ "SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
```



```
pass=3 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2556741784
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2799335723
Vlstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=3 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=3 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
V!status=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=3 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=256891728
V!status=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=3 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=3 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1070271986
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1179023820
  VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=1421617759
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1421617759
  VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=3 id=2519426490
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2519426490
  VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=3 id=2762020429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2762020429
  VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3517849227
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2334384011
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=3 id=2373359362
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2373359362
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=3 id=2177446557
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2177446557
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=3 id=2420040496
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2420040496
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=3517849227
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=3517849227
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=3 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1992404078
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=3 id=2031379429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=2031379429
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=3 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=993981341
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1236575280
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1236575280
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=3 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1032956692
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1032956692
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=3 id=1275550631
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=3 id=1275550631
VEstatus=PASSNUM esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027598040
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E57D020
kkoatStatsCollectTab(enter): froP=0x000000001E56CC60
kkoatStatsCollectTab: skip fro=000000001E56CC60
kkoatStatsCollectTab(enter): froP=0x000000001E56D8C8
kkoatStatsCollectTab: skip fro=000000001E56D8C8
kkoatStatsCollectTab(enter): froP=0x000000001F066710
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F066710
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001F064720
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F064720
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001F062730
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F062730
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E63DCE0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17D70 froP=0x000000001E63DCE0
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E63E250
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F181A8 froP=0x000000001E63E250
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
end kestsDoRounds() round error=0 msg=
kestsDoRounds() round=5
```

```
kkoatStatsCollectTab(enter): froP=0x000000001E513CD8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E513CD8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E54ED60
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E54ED60
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1D0C0
kkoatSetupQbCtx(exit): passNum=5 qbCDone=yes atDone=yes
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=5 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=5 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001E55AFD8
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=5 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001E55AFD8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=5 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=5 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001F13C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=5 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001F13C058
kkoatSaveJoinOrder(exit)
```

```

kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_2"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_2"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_2"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_2"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1CE78
kkoatSetupQbCtx(exit): passNum=5 qbcDone=yes atDone=yes
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=5 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=5 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1CE78
joP=0x000000001F108040
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER

```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=5 id=1018658903
Vstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=5 id=776064964
Vstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=2.36
est_nav=2.36 adjfac=0.4427 new_est=1.05
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=5 id=242593939
Vstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=5 id=1018658903
Vstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=1.05 est_nav=1.05 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1CE78
joP=0x000000001F108040
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C0B8
  kkoatSetupQbCtx(exit): passNum=5 qbcDone=yes atDone=yes
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$9CF1E98E pass=5 id=776064964
Vstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$33") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=SCHEDULER$_INSTANCE_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$9CF1E98E pass=5 id=242593939
Vstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$33")
  kkoatVerifyEst(exit)
```

```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C0B8
joP=0x000000001F108040
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$9CF1E98E pass=5 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C0B8
joP=0x000000001F108040
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C280
kkoatSetupQbCtx(exit): passNum=5 qbcDone=yes atDone=yes
pass=5 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=998422737
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x00000000215429D0
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
```



```
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "AO"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=833616424
```

```
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "O"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=5 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=5 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26", "AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=591022485
```

```
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=833616424
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=833616424
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=591022485
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=813380258
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=813380258
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("U"@SEL$26",
"O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x00000000215429D0
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C558
  kkoatSetupQbCtx(exit): passNum=5 qbcDone=yes atDone=yes
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=5 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$28")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=5 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$28") est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x00000000215429D0
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=1018658903
```

kkoatVerifyEst: complete, qbName=SEL\$A065B7E5 pass=5 id=1018658903  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL\$28", "O"@SEL\$28")  
est=0.02 est\_nav=0.02 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C558  
joP=0x00000000215429D0  
kkoatSaveJoinOrder(exit)  
kkoatVerifyEst(enter)  
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B8C8  
kkoatSetupQbCtx(exit): passNum=5 qbcDone=yes atDone=yes  
pass=5 id=242593939  
kkoatVerifyEst: complete, qbName=SEL\$23 pass=5 id=242593939  
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("R01"@SEL\$23")  
kkoatVerifyEst(exit)  
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8  
joP=0x00000000215429D0  
kkoatRestoreJoinOrder(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8  
joP=0x00000000215429D0  
kkoatSaveJoinOrder(exit)  
kkoatVerifyEst(enter)  
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B9F8  
kkoatSetupQbCtx(exit): passNum=5 qbcDone=yes atDone=yes  
pass=5 id=242593939  
kkoatVerifyEst: complete, qbName=SEL\$24 pass=5 id=242593939  
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("L01"@SEL\$24")  
kkoatVerifyEst(exit)  
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8  
joP=0x00000000215429D0  
kkoatRestoreJoinOrder(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8  
joP=0x00000000215429D0  
kkoatSaveJoinOrder(exit)  
kkoatVerifyEst(enter)  
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BB28  
kkoatSetupQbCtx(exit): passNum=5 qbcDone=yes atDone=yes  
pass=5 id=242593939  
kkoatVerifyEst: complete, qbName=SEL\$21 pass=5 id=242593939  
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL\$21") est=25.00  
est\_nav=25.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BB28  
joP=0x00000000215429D0  
kkoatRestoreJoinOrder(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BB28  
joP=0x00000000215429D0  
kkoatSaveJoinOrder(exit)  
kkoatVerifyEst(enter)  
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BC58  
kkoatSetupQbCtx(exit): passNum=5 qbcDone=yes atDone=yes  
pass=5 id=242593939  
kkoatVerifyEst: complete, qbName=SEL\$22 pass=5 id=242593939  
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL\$22")  
kkoatVerifyEst(exit)

```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x00000000215429D0
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x00000000215429D0
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BD88
kkoatSetupQbCtx(exit): passNum=5 qbcDone=yes atDone=yes
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@SEL$20)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000002151C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=5 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1774487701
```

```
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("O1"@SEL$20,
"U1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20,
"U1"@SEL$20, "J1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20,
"U1"@SEL$20, "J1"@SEL$20, "JD1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("O1"@SEL$20,
"J1"@SEL$20) est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20,
"J1"@SEL$20, "U1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20,
"J1"@SEL$20, "U1"@SEL$20, "JD1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1055974197
```



```
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"O1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=5 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=57551460
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=57551460
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000002151C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A758
kkoatSetupQbCtx(exit): passNum=5 qbcDone=yes atDone=yes
pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$52271521 pass=5 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x000000002151C058
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x000000002151C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A898
kkoatSetupQbCtx(exit): passNum=5 qbcDone=yes atDone=yes
pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$44902B2C pass=5 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x000000002151C058
kkoatRestoreJoinOrder(exit)
```

```
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898
jOP=0x000000002151C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=5 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
jOP=0x000000002151C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=5 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=813380258
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"J1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20) est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=5 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000002151C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A9D8
kkoatSetupQbCtx(exit): passNum=5 qbcDone=yes atDone=yes
pass=5 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=5 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=998422737
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=5 id=998422737
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=5 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=5 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A9D8
joP=0x000000002152C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=5 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "AO"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=5 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=5 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26", "U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=833616424
```

kkoatVerifyEst: complete, qbName=SEL\$0393A011 pass=5 id=833616424  
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL\$26",  
"AO"@SEL\$26", "U"@SEL\$26")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=0 index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=0 index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=0 index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=0 index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=5 id=1774487701  
kkoatVerifyEst: complete, qbName=SEL\$0393A011 pass=5 id=1774487701  
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("D"@SEL\$26",  
"O"@SEL\$26")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=AO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=AO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=AO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=AO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=5 id=2017081640  
kkoatVerifyEst: complete, qbName=SEL\$0393A011 pass=5 id=2017081640  
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL\$26",  
"O"@SEL\$26", "AO"@SEL\$26")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER# estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=U index=I\_USER# type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER# estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=U index=I\_USER# type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER2 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=U index=I\_USER2 type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER2 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=U index=I\_USER2 type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=5 id=1832039161  
kkoatVerifyEst: complete, qbName=SEL\$0393A011 pass=5 id=1832039161  
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("D"@SEL\$26",  
"O"@SEL\$26", "AO"@SEL\$26", "U"@SEL\$26")  
kkoatVerifyEst(exit)



```

    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=1589445222
    kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=5 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"O"@SEL$26", "U"@SEL$26")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=1832039161
    kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=5 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("D"@SEL$26",
"O"@SEL$26", "U"@SEL$26", "AO"@SEL$26")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=591022485
    kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=5 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=833616424

```

```
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=5 id=833616424
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=5 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=591022485
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=5 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=5 id=813380258
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=5 id=813380258
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$26",
"O"@SEL$26")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A9D8
joP=0x000000002152C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1ACB0
kkoatSetupQbCtx(exit): passNum=5 qbcDone=yes atDone=yes
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=5 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$28")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=5 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$28") est=0.02
est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1ACB0
joP=0x000000002152C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=5 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("D"@SEL$28",
"O"@SEL$28")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1ACB0
joP=0x000000002152C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
kkoatVerifyEst(exit)
```

```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000002152C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=5 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"J1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1055974197
VEstatus=PUSHPRED esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"O1"@SEL$20) est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1055974197
VEstatus=PUSHPRED esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=5 id=57551460
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=57551460
VEstatus=PUSHPRED esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000002152C058
kkoatSaveJoinOrder(exit)
```

```
kkoatVerifyEst(enter)
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=5 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=5 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000217A7FD8
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=5 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000217A7FD8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1AE78
kkoatSetupQbCtx(exit): passNum=5 qbcDone=yes atDone=yes
pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$19 pass=5 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("WM"@SEL$19") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x000000002738C058
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x000000002738C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1AFA8
kkoatSetupQbCtx(exit): passNum=5 qbcDone=no atDone=no
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
```

```
kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyEst(enter)
pass=5 id=2113250766
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2113250766
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1593508212
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1593508212
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=598302687
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=598302687
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=402958856
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=402958856
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=998422737
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ5 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x000000002738C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=4130332406
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1696066402
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3182536200
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
```

```
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=5 id=3585495056
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3585495056
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "WMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17", "CMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3367578679
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3367578679
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2519426490
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1696066402
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=5 id=3036469072
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=5 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=5 id=2116467634
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1428873322
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
```



```
pass=5 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2519426490
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1374367651
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1374367651
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2967875863
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2967875863
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=786159333
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=786159333
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1784582070
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1784582070
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18", "CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1696066402
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3439427928
VEstatus=PASSNUM estttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2116467634
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x000000002738C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B5C0
kkoatSetupQbCtx(exit): passNum=5 qbcDone=yes atDone=no
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=5 id=776064964
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("D"@SEL$15")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x000000002738C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=5 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=5 id=1018658903
VEstatus=NOROWS estttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x000000002738C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=5 id=776064964
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("D"@SEL$15")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x000000002779A750
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=5 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=5 id=1018658903
VEstatus=NOROWS estttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x000000002779A750
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=5 id=242593939
```

```
kkoatVerifyEst: complete, qbName=SEL$23 pass=5 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("R01"@SEL$23")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x000000002738C058
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x000000002738C058
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
  pass=5 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$24 pass=5 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L01"@SEL$24")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=L01 index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x000000002738C058
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x000000002738C058
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
  pass=5 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000002738C058
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyEst(enter)
  pass=5 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=5 id=1589445222
```

```
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000002738C058
  kkoatSaveJoinOrder(exit)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F196E0
  kkoatSetupQbCtx(exit): passNum=5 qbcDone=yes atDone=no
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x000000002738C058
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x000000002738C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F19810
  kkoatSetupQbCtx(exit): passNum=5 qbcDone=no atDone=no
```



```
pass=5 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=998422737
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x000000002738C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=5 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```

kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=3172441831
  kkoatGetPreds(enter)
    sPreds (4) =          nsPreds (0) =    kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (DI): canSamp=0 cdn=1 maxCard=-1
  kkoatFindSampleTable (DI2): canSamp=0 cdn=1 maxCard=-1
  kkoatFindSampleTable (J): canSamp=1 cdn=25 maxCard=25
  kkoatFindSampleTable (CO): canSamp=1 cdn=75222 maxCard=75222
  kkoatFindSampleTable (SYS_ALIAS_2): canSamp=1 cdn=75222 maxCard=75222
  kkoatFindSampleTable(exit): tab=CO
kkoatVerifyEst: sPreds =
("DI#1"."INST_ID"=USERENV('INSTANCE')) AND
("J#2"."DATABASE_ROLE"=DECODE(BITAND("DI#1"."DIFL2",32768),32768,'SNAPSHO
T STANDBY',DECODE(BITAND("DI#1"."DIFLG",33554432),33554432,'LOGICAL
STANDBY',DECODE(BITAND("DI#1"."DIFLG",1024),1024,'PHYSICAL
STANDBY','PRIMARY')))) OR "J#2"."DATABASE_ROLE" IS NULL AND
DECODE(BITAND("DI#1"."DIFL2",32768),32768,'SNAPSHOT
STANDBY',DECODE(BITAND("DI#1"."DIFLG",33554432),33554432,'LOGICAL
STANDBY',DECODE(BITAND("DI#1"."DIFLG",1024),1024,'PHYSICAL
STANDBY','PRIMARY'))))='PRIMARY') AND ("J#2"."CLASS_OID"="CO#3"."OBJ#")
AND ("J#2"."OBJ#"="SYS_ALIAS_2#5"."OBJ#")
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
VEstatus=SUCCESS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)

```

```
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
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kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3211417182
  kkoatGetPreds(enter)
    sPreds (4) =          nsPreds (0) =    kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (DI): canSamp=0 cdn=1 maxCard=-1
  kkoatFindSampleTable (DI2): canSamp=0 cdn=1 maxCard=-1
  kkoatFindSampleTable (J): canSamp=1 cdn=25 maxCard=25
  kkoatFindSampleTable (SYS_ALIAS_2): canSamp=1 cdn=75222 maxCard=75222
  kkoatFindSampleTable (SYS_ALIAS_1): canSamp=1 cdn=97 maxCard=75222
  kkoatFindSampleTable(exit): tab=SYS_ALIAS_2
kkoatVerifyEst: sPreds =
("DI#1"."INST_ID"=USERENV('INSTANCE')) AND
("J#2"."DATABASE_ROLE"=DECODE(BITAND("DI#1"."DIFL2",32768),32768,'SNAPSHO
T STANDBY',DECODE(BITAND("DI#1"."DIFLG",33554432),33554432,'LOGICAL
STANDBY',DECODE(BITAND("DI#1"."DIFLG",1024),1024,'PHYSICAL
STANDBY','PRIMARY')))) OR "J#2"."DATABASE_ROLE" IS NULL AND
DECODE(BITAND("DI#1"."DIFL2",32768),32768,'SNAPSHOT
STANDBY',DECODE(BITAND("DI#1"."DIFLG",33554432),33554432,'LOGICAL
STANDBY',DECODE(BITAND("DI#1"."DIFLG",1024),1024,'PHYSICAL
STANDBY','PRIMARY')))'=PRIMARY') AND ("J#2"."OBJ#"="SYS_ALIAS_2#5"."OBJ#")
AND ("SYS_ALIAS_2#5"."OWNER#"="SYS_ALIAS_1#4"."USER#")
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3211417182
VEstatus=SUCCESS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2359061573

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kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2212994445
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1589445222
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kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2783780764
kkoatGetPreds(enter)
sPreds (5) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (DI): canSamp=0 cdn=1 maxCard=-1
kkoatFindSampleTable (J): canSamp=1 cdn=25 maxCard=25
kkoatFindSampleTable (CO): canSamp=1 cdn=75222 maxCard=75222
kkoatFindSampleTable (SYS_ALIAS_2): canSamp=1 cdn=75222 maxCard=75222
kkoatFindSampleTable (SYS_ALIAS_1): canSamp=1 cdn=97 maxCard=75222
kkoatFindSampleTable(exit): tab=CO
kkoatVerifyEst: sPreds =
("DI#1"."INST_ID"=USERENV('INSTANCE')) AND
("J#2"."DATABASE_ROLE"=DECODE(BITAND("DI#1"."DIFL2",32768),32768,'SNAPSHO
T STANDBY',DECODE(BITAND("DI#1"."DIFLG",33554432),33554432,'LOGICAL
STANDBY',DECODE(BITAND("DI#1"."DIFLG",1024),1024,'PHYSICAL
STANDBY','PRIMARY')) OR "J#2"."DATABASE_ROLE" IS NULL AND
DECODE(BITAND("DI#1"."DIFL2",32768),32768,'SNAPSHOT
STANDBY',DECODE(BITAND("DI#1"."DIFLG",33554432),33554432,'LOGICAL
STANDBY',DECODE(BITAND("DI#1"."DIFLG",1024),1024,'PHYSICAL

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STANDBY', 'PRIMARY'))='PRIMARY') AND ("J#2"."CLASS_OID"="CO#3"."OBJ#")
AND ("J#2"."OBJ#"="SYS_ALIAS_2#5"."OBJ#") AND
("SYS_ALIAS_2#5"."OWNER#"="SYS_ALIAS_1#4"."USER#")
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2783780764
VEstatus=SUCCESS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS

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    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=2783780764
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustement)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=5 id=2968823243
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2968823243
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustement)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER

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kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=629997836
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=629997836
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1970400506
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1018658903
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kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
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```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3211417182
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2359061573
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=872591775
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=872591775
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

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table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2212994445
Vestatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI2"@ "SEL$30",
"DI"@ "SEL$30", "JU"@ "SEL$12", "JO"@ "SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1241016676
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1241016676
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@ "SEL$30",
"J"@ "SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1055974197
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@ "SEL$30",
"J"@ "SEL$12", "CO"@ "SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2396376867
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@ "SEL$30",

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"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2250309739
  kkoatGetPreds(enter)
    sPreds (3) =      nsPreds (0) =      kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (DI2): canSamp=0 cdn=1 maxCard=-1
  kkoatFindSampleTable (J): canSamp=1 cdn=25 maxCard=25
  kkoatFindSampleTable (CO): canSamp=1 cdn=75222 maxCard=75222
  kkoatFindSampleTable (SYS_ALIAS_2): canSamp=1 cdn=75222 maxCard=75222
  kkoatFindSampleTable (SYS_ALIAS_1): canSamp=1 cdn=97 maxCard=75222
  kkoatFindSampleTable(exit): tab=CO
  kkoatVerifyEst: sPreds = ("J#2"."CLASS_OID"="CO#3"."OBJ#") AND
("J#2"."OBJ#"="SYS_ALIAS_2#5"."OBJ#") AND
("SYS_ALIAS_2#5"."OWNER#"="SYS_ALIAS_1#4"."USER#")
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2250309739
VEstatus=SUCCESS estttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2581419346

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kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2581419346
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2250309739
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
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kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2435352218
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2250309739
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1582996609
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1582996609
Vstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=96526811
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=96526811
Vstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
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kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1436929481
Vestatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=813380258
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)

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kkoatVerifyEst(enter)
pass=5 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kestsacAddEstCtx(): resizing hash table to 256 entries
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
```

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kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=5 id=2338825407
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2338825407
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=5 id=2153782928
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2153782928
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=5 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2192758279
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAccDerive(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAccDerive(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAccDerive(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3357484310
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
```

```

pass=5 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN

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kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2929847892
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
Vstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3114890371
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1018658903
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```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=5 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1241016676
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=5 id=2581419346
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2581419346
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=5 id=2396376867
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)

```

```
pass=5 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1582996609
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2153782928
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2929847892
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2396376867
Vestatus=SIMPJOIN esttype=JOIN prelen=4 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
```



```

    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30",
"JU"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=5 id=2338825407
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2338825407
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=5 id=2153782928
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)

```

```
pass=5 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2396376867
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x000000002738C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=5 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=998422737
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x000000002324C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=5 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2017081640
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2017081640
VEstatus=EXISTS estttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1832039161
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
```

```

    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=5 id=3357484310
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=3172441831
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3211417182
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2359061573
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=872591775
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=872591775
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=3114890371
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2968823243
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustement)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=629997836
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=629997836
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1970400506
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1970400506
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3357484310
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3357484310
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3211417182
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=872591775
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=2212994445
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2212994445
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI2"@ "SEL$30",
"DI"@ "SEL$30", "JU"@ "SEL$12", "JO"@ "SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=1241016676
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@ "SEL$30",
"J"@ "SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=5 id=1055974197
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@ "SEL$30",
"J"@ "SEL$12", "CO"@ "SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)

```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2250309739
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2581419346
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2581419346
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=5 id=2396376867
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2396376867
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2250309739
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
```



```

    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=5 id=2435352218
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2435352218
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=2250309739
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2250309739
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=1582996609
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=96526811
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JU"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)

```

```
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1436929481
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI2"@ "SEL$30",
"JU"@ "SEL$12", "JO"@ "SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@ "SEL$12", "CO"@ "SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@ "SEL$12", "CO"@ "SEL$12",
"JO"@ "SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=5 id=2007715800
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=2783780764
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=2250309739
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30",
"DI"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN

```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=5 id=2338825407
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2338825407
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=5 id=2153782928
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2153782928
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=5 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2192758279
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2192758279
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=5 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
```



```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3114890371
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2929847892
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
Vstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1018658903
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=5 id=1241016676
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
```

```

    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=5 id=2581419346
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2581419346
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=3357484310
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=3172441831
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JU"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)

```



```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1582996609
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```

kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "DI"@SEL$30",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "DI"@SEL$30",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30",
"JU"@SEL$12")

```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=3114890371
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3114890371
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "DI"@SEL$30",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2929847892
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "DI"@SEL$30",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2153782928
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2338825407
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2338825407
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3114890371
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3172441831
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x000000002324C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F19C00
kkoatSetupQbCtx(exit): passNum=5 qbcDone=no atDone=no
pass=5 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=998422737
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x0000000027794598
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=5 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
```



```

    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=1628420573
    kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
    kkoatVerifyEst(enter)
pass=5 id=1871014512
    kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=1685972033
    kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31, "LU"@SEL$31)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER

```

```
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31, "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=5 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=5 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=5 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1774487701
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31,
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=5 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31, "LU"@SEL$31, "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=5 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31, "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31, "LO"@SEL$31, "LU"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=5 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31", "PO"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31", "PO"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=5 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31, "LU"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=833616424
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=591022485
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("L"@SEL$31,
"LU"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31, "L"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=5 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=5 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=5 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=5 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LO"@SEL$31,
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3963857689
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=5 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=5 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=5 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=5 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x0000000027794598
```

```
kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=5 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LO"@SEL$31)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LU"@SEL$31)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=998422737
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x00000000230D4028
kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=5 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31, "LO"@SEL$31)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31, "LU"@SEL$31)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31")
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=1443378094
    kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccReUse(exit)
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
    kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
    kkoatVerifyIdxAccReUse(exit)
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=1685972033
    kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31, "PO"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccReUse(exit)
    kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
    kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
    kkoatVerifyIdxAcc(enter)

```



```
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1774487701
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31,
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1871014512
Vlstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
Vlstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1443378094
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31", "PO"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31", "PO"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31", "PO"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31", "PO"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("L"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1443378094
Vestatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
Vestatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=872591775
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=687549296
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=96526811
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=96526811
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=591022485
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
Vlstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=687549296
Vlstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
Vlstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=57551460
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=629997836
Vlstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1628420573
Vlstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1871014512
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
```

kkoatVerifyIdxAccReUse(enter): table=PO index=I\_OBJ4 type=SKIP\_SCAN  
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=27.53 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=PO index=I\_OBJ4 estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=PO index=I\_OBJ4 type=FILTER  
kkoatVerifyIdxAccReUse(exit)  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=5 id=1685972033  
kkoatVerifyEst: complete, qbName=SEL\$31 pass=5 id=1685972033  
Vlstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL\$31", "L"@SEL\$31",  
"LCO"@SEL\$31", "LU"@SEL\$31", "PO"@SEL\$31")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=PO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=PO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=PO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=PO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAccReUse(exit)  
kkoatVerifyIdxAccDerive(enter) table=PO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=PO index=I\_OBJ4 estType=SKIP\_SCAN  
kkoatVerifyIdxAccReUse(enter): table=PO index=I\_OBJ4 type=SKIP\_SCAN  
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=27.53 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=PO index=I\_OBJ4 estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=PO index=I\_OBJ4 type=FILTER  
kkoatVerifyIdxAccReUse(exit)  
kkoatVerifyIdxAccDerive(enter) table=PO index=I\_OBJ4 type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=5 id=872591775  
kkoatVerifyEst: complete, qbName=SEL\$31 pass=5 id=872591775  
Vlstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL\$31", "L"@SEL\$31",  
"PO"@SEL\$31")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=LCO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=LCO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=LCO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=LCO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=5 id=1871014512  
kkoatVerifyEst: complete, qbName=SEL\$31 pass=5 id=1871014512  
Vlstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL\$31", "L"@SEL\$31",  
"PO"@SEL\$31", "LCO"@SEL\$31")

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)

```

```

table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)

```

```
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
```



```

    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
    kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
    kkoatVerifyIdxAccReUse(exit)
    kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
    kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
    kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
    kkoatVerifyEst(enter)
pass=5 id=96526811
    kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=96526811
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"PO"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
    kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
    kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=3963857689
    kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=3963857689
Vlstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"LU"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=444955357
    kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=444955357
Vlstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS

```

```
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=591022485
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"L"@ "SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@"SEL$31",
"LO"@"SEL$31", "L"@"SEL$31", "PO"@"SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@"SEL$31",
"LO"@"SEL$31", "L"@"SEL$31", "PO"@"SEL$31", "LCO"@"SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
```



```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=57551460
kkoatVerifyEst: complete, qbName=SEL$31 pass=5 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x00000000230D4028
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000016E8AB58
kkoatSetupQbCtx(exit): passNum=4 qbcDone=no atDone=no
pass=4 id=402958856
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=4 id=1340402670
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1340402670
      VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
      kkoatVerifyEst(exit)
        kkoatVerifyEst(enter)
          pass=4 id=4148900168
          kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=4148900168
          VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
          est_nav=8.84 (no adjustment)
          kkoatVerifyEst(exit)
            kkoatVerifyIdxAcc(enter)
              table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
              kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
              kkoatVerifyIdxAcc(enter)
                table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
                kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
                kkoatVerifyEst(enter)
                  pass=4 id=4109924817
                  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=4109924817
                  VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
                  est_nav=8.84 (no adjustment)
                  kkoatVerifyEst(exit)
                    kkoatVerifyIdxAcc(enter)
                      table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
                      kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
                      kkoatVerifyIdxAcc(enter)
                        table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
                        kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
                        kkoatVerifyEst(enter)
                          pass=4 id=998422737
                          kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=998422737
                          VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
                          est_nav=8.84 adjfac=0.1131 new_est=1.00
                          kkoatVerifyEst(exit)
                            kkoatVerifyIdxAcc(enter)
                              table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
                              kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131
                              new_est=1.00
                              kkoatVerifyIdxAcc(enter)
                                table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
                                kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131
                                new_est=1.00
                                kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
                                jnP=0x0000000027794598
                                kkoatRestoreJoinOrder(exit)
                                  kkoatVerifyIdxAcc(enter)
                                    table=A index=WRI$_ADV_TASKS_PK estType=SCAN
                                    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
                                    type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=4 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2556741784
  kkoatGetPreds(enter)
    sPreds (10) =          nsPreds (0) =    kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=9
  kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
  kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=11
  kkoatFindSampleTable (E): canSamp=1 cdn=26 maxCard=26
  kkoatFindSampleTable(exit): tab=E
  kkoatVerifyEst: sPreds =
("A#3"."NAME"='INSTANCE') AND ("A#3"."TASK_ID"="A#6"."ID") AND
("A#6"."ADVISOR_NAME" LIKE :B1) AND ("A#6"."NAME" LIKE :B2) AND
(BITAND("A#6"."PROPERTY",6)=4) AND ("A#2"."TASK_ID"="A#6"."ID") AND
("A#2"."NAME"='DB_ID') AND ("A#6"."ID"="E#5"."TASK_ID") AND
("A#6"."ADVISOR_ID"="E#5"."ADVISOR_ID") AND
("A#6"."LAST_EXEC_NAME"="E#5"."NAME")
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2556741784
VEstatus=SUCCESS estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=    kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)

```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1992404078
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1992404078
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```



```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1458933053
kkoatGetPreds(enter)
  sPreds (9) =          nsPreds (0) =    kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=9
kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=11
kkoatFindSampleTable (JL): canSamp=0 cdn=16 maxCard=11
kkoatFindSampleTable(exit): tab=A
kkoatVerifyEst: sPreds =
("A#3"."NAME"='INSTANCE') AND ("A#3"."TASK_ID"="A#6"."ID") AND
("A#6"."ADVISOR_NAME" LIKE :B1) AND ("A#6"."NAME" LIKE :B2) AND
(BITAND("A#6"."PROPERTY",6)=4) AND ("A#2"."TASK_ID"="A#6"."ID") AND
("A#2"."NAME"='DB_ID') AND ("JL#0"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="JL#0"."OWNER")
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1458933053
VEstatus=SUCCESS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)

```

```
pass=4 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1070271986
  kkoatGetPreds(enter)
  sPreds (9) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=9
  kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
  kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=11
  kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=11
  kkoatFindSampleTable(exit): tab=A
  kkoatVerifyEst: sPreds =
("A#3"."NAME"='INSTANCE') AND ("A#3"."TASK_ID"="A#6"."ID") AND
("A#6"."ADVISOR NAME" LIKE :B1) AND ("A#6"."NAME" LIKE :B2) AND
(BITAND("A#6"."PROPERTY",6)=4) AND ("A#2"."TASK_ID"="A#6"."ID") AND
("A#2"."NAME"='DB_ID') AND ("A#4"."TASK_ID"="A#6"."ID") AND
("A#4"."NAME"='DAYS_TO_EXPIRE')
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=SUCCESS estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)

```

```
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3429333559
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1558319047
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1558319047
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=37.4015
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2334384011
VEstatus=COSTCUTOFF estttype=JOIN prelen=4 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```

pass=4 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2188316883
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1800912986
kkoatGetPreds(enter)
sPreds (10) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=9
kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
kkoatFindSampleTable (E): canSamp=1 cdn=26 maxCard=26
kkoatFindSampleTable (JL): canSamp=0 cdn=16 maxCard=26
kkoatFindSampleTable(exit): tab=E
kkoatVerifyEst: sPreds =
("A#3"."NAME"='INSTANCE') AND ("A#3"."TASK_ID"="A#6"."ID") AND
("A#6"."ADVISOR_NAME" LIKE :B1) AND ("A#6"."NAME" LIKE :B2) AND
(BITAND("A#6"."PROPERTY",6)=4) AND ("A#6"."ID"="E#5"."TASK_ID") AND
("A#6"."ADVISOR_ID"="E#5"."ADVISOR_ID") AND
("A#6"."LAST_EXEC_NAME"="E#5"."NAME") AND
("JL#0"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="JL#0"."OWNER")
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1800912986
VEstatus=SUCCESS estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)

```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```



```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
Vestatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
Vestatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1654845858
Vestatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
```

```

kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1412251919
kkoatGetPreds(enter)
sPreds (10) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=9
kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
kkoatFindSampleTable (E): canSamp=1 cdn=26 maxCard=26
kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=26
kkoatFindSampleTable(exit): tab=E
kkoatVerifyEst: sPreds =
("A#3"."NAME"='INSTANCE') AND ("A#3"."TASK_ID"="A#6"."ID") AND
("A#6"."ADVISOR_NAME" LIKE :B1) AND ("A#6"."NAME" LIKE :B2) AND
(BITAND("A#6"."PROPERTY",6)=4) AND ("A#6"."ID"="E#5"."TASK_ID") AND
("A#6"."ADVISOR_ID"="E#5"."ADVISOR_ID") AND
("A#6"."LAST_EXEC_NAME"="E#5"."NAME") AND ("A#4"."TASK_ID"="A#6"."ID")
AND ("A#4"."NAME"='DAYS_TO_EXPIRE')
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1412251919
VEstatus=SUCCESS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03

```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1654845858
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=993981341
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=993981341
VEstatus=EXISTS estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1992404078
Vestatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
Vstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2334384011
Vstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
```

```
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1236575280
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1236575280
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=4 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
```

```
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1090508152
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=847914213
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2188316883
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
```

```
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1090508152
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=460510316
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=460510316
VEstatus=EXISTS estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1458933053
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=37.4015
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2799335723
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1800912986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
```

```
pass=4 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2576977950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2430910822
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1236575280
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1236575280
VEstatus=COSTCUTOFF estttype=JOIN prelen=4 tables=("A"@SEL$9",
"A"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=4 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2576977950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN

```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kestsacAddEstCtx(): resizing hash table to 128 entries
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=71849249
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
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```
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
```

```
pass=4 id=1401381593
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1401381593
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=4 id=1312865925
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2088930889
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1992404078
VEstatus=COSTCUTOFF estttype=JOIN prelen=4 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```



```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)

```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2595717135
kkoatGetPreds(enter)
sPreds (10) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=11
kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=11
kkoatFindSampleTable (E): canSamp=1 cdn=26 maxCard=26
kkoatFindSampleTable(exit): tab=E
kkoatVerifyEst: sPreds =

```

```
(BITAND("A#6"."PROPERTY",6)=4) AND ("A#6"."ADVISOR_NAME" LIKE :B1) AND
("A#6"."NAME" LIKE :B2) AND ("A#2"."TASK_ID"="A#6"."ID") AND
("A#2"."NAME"='DB_ID') AND ("A#4"."TASK_ID"="A#6"."ID") AND
("A#4"."NAME"='DAYS_TO_EXPIRE') AND ("A#6"."ID"="E#5"."TASK_ID") AND
("A#6"."ADVISOR_ID"="E#5"."ADVISOR_ID") AND
("A#6"."LAST_EXEC_NAME"="E#5"."NAME")
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2595717135
VEstatus=SUCCESS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5) est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2838311074
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2838311074
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=4 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=4 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2556741784
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```



```
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
Vlstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2556741784
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```



```
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1992404078
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
V!status=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=71849249
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```



```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=645552795
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=645552795
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN

```

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kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1985955465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1985955465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5") est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2762020429
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=4 id=3760443166
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3760443166
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)

```

```
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2615953301
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2615953301
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2430910822
```

```

kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=2984378202
kkoatGetPreds(enter)
sPreds (10) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
kkoatFindSampleTable (JL): canSamp=0 cdn=16 maxCard=11
kkoatFindSampleTable (E): canSamp=1 cdn=26 maxCard=26
kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=26
kkoatFindSampleTable(exit): tab=E
kkoatVerifyEst: sPreds =
(BITAND("A#6"."PROPERTY",6)=4) AND ("A#6"."ADVISOR_NAME" LIKE :B1) AND
("A#6"."NAME" LIKE :B2) AND ("JL#0"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="JL#0"."OWNER") AND ("A#6"."ID"="E#5"."TASK_ID") AND
("A#6"."ADVISOR_ID"="E#5"."ADVISOR_ID") AND
("A#6"."LAST_EXEC_NAME"="E#5"."NAME") AND ("A#2"."TASK_ID"="A#6"."ID")
AND ("A#2"."NAME"='DB_ID')
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2984378202
VEstatus=SUCCESS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11") est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3760443166
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3760443166
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3575400687

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "A"@SEL$7")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=2838311074
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2838311074
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=4 id=1800912986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=4 id=1800912986  
Vlstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"E"@SEL\$5", "A"@SEL\$9") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=4 id=2576977950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=4 id=2576977950  
Vlstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"E"@SEL\$5", "A"@SEL\$9", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=4 id=3575400687  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=4 id=3575400687  
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"E"@SEL\$5", "A"@SEL\$9", "J"@SEL\$2", "A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=4 id=2430910822  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=4 id=2430910822  
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"E"@SEL\$5", "A"@SEL\$9", "J"@SEL\$2", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER



```
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=217916377
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=217916377
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=460510316
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=460510316
VEstatus=EXISTS estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1800912986
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2576977950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
```

```

kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=499485667
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=499485667
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1839888337
kkoatGetPreds(enter)
sPreds (10) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)

```

```

kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=9
kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
kkoatFindSampleTable (JL): canSamp=0 cdn=16 maxCard=11
kkoatFindSampleTable (E): canSamp=1 cdn=26 maxCard=26
kkoatFindSampleTable(exit): tab=E
kkoatVerifyEst: sPreds =
("A#4"."NAME"='DAYS_TO_EXPIRE') AND ("A#4"."TASK_ID"="A#6"."ID") AND
("A#6"."ADVISOR_NAME" LIKE :B1) AND ("A#6"."NAME" LIKE :B2) AND
(BITAND("A#6"."PROPERTY",6)=4) AND
("JL#0"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="JL#0"."OWNER") AND ("A#6"."ID"="E#5"."TASK_ID") AND
("A#6"."ADVISOR_ID"="E#5"."ADVISOR_ID") AND
("A#6"."LAST_EXEC_NAME"="E#5"."NAME")
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1839888337
VEstatus=SUCCESS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2615953301
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2615953301
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027794598
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=4 id=402958856
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)

```

```
pass=4 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=0.29
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=998422737
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x00000000217D8040
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=4 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1992404078
  kkoatGetPreds(enter)
    sPreds (10) =          nsPreds (0) =    kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=1
  kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
  kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=11
  kkoatFindSampleTable (J): canSamp=0 cdn=26 maxCard=11
  kkoatFindSampleTable(exit): tab=A
  kkoatVerifyEst: sPreds =
("A#3"."NAME"='INSTANCE') AND ("A#3"."VALUE"='UNUSED') AND
("A#3"."TASK_ID"="A#6"."ID") AND ("A#6"."ADVISOR_NAME" LIKE :B1) AND
("A#6"."NAME" LIKE :B2) AND (BITAND("A#6"."PROPERTY",6)=4) AND
("A#2"."TASK_ID"="A#6"."ID") AND ("A#2"."NAME"='DB_ID') AND
("J#1"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="J#1"."OWNER")

*** 2013-01-09 23:53:39.683
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1992404078
VEstatus=SUCCESS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3186739620

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=10.67
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1458933053
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=10.67
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2088930889
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=993981341
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2) est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11) est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```



```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2334384011
  kkoatGetPreds(enter)
    sPreds (11) =          nsPreds (0) =    kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=1
  kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
  kkoatFindSampleTable (J): canSamp=0 cdn=26 maxCard=11
  kkoatFindSampleTable (E): canSamp=1 cdn=26 maxCard=26
  kkoatFindSampleTable(exit): tab=E
  kkoatVerifyEst: sPreds =
("A#3"."NAME"='INSTANCE') AND ("A#3"."VALUE"='UNUSED') AND
("A#3"."TASK_ID"="A#6"."ID") AND ("A#6"."ADVISOR_NAME" LIKE :B1) AND
("A#6"."NAME" LIKE :B2) AND (BITAND("A#6"."PROPERTY",6)=4) AND
("J#1"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="J#1"."OWNER") AND ("A#6"."ID"="E#5"."TASK_ID") AND
("A#6"."ADVISOR_ID"="E#5"."ADVISOR_ID") AND
("A#6"."LAST_EXEC_NAME"="E#5"."NAME")
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2334384011
VEstatus=SUCCESS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=4 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)

```

```

table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2430910822

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kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1236575280
kkoatGetPreds(enter)
sPreds (10) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=1
kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11

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kkoatFindSampleTable (J): canSamp=0 cdn=26 maxCard=11
kkoatFindSampleTable (JL): canSamp=0 cdn=16 maxCard=11
kkoatFindSampleTable(exit): tab=A
kkoatVerifyEst: sPreds =
("A#3"."NAME"='INSTANCE') AND ("A#3"."VALUE"='UNUSED') AND
("A#3"."TASK_ID"="A#6"."ID") AND ("A#6"."ADVISOR_NAME" LIKE :B1) AND
("A#6"."NAME" LIKE :B2) AND (BITAND("A#6"."PROPERTY",6)=4) AND
("J#1"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="J#1"."OWNER") AND
("JL#0"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="JL#0"."OWNER")
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1236575280
VEstatus=SUCCESS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2576977950

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```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1090508152
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=847914213
  kkoatGetPreds(enter)
    sPreds (10) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=1
  kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
  kkoatFindSampleTable (J): canSamp=0 cdn=26 maxCard=11
  kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=11
  kkoatFindSampleTable(exit): tab=A
  kkoatVerifyEst: sPreds =
("A#3"."NAME"='INSTANCE') AND ("A#3"."VALUE"='UNUSED') AND
("A#3"."TASK_ID"="A#6"."ID") AND ("A#6"."ADVISOR_NAME" LIKE :B1) AND
("A#6"."NAME" LIKE :B2) AND (BITAND("A#6"."PROPERTY",6)=4) AND
("J#1"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="J#1"."OWNER") AND ("A#4"."TASK_ID"="A#6"."ID") AND
("A#4"."NAME"='DAYS_TO_EXPIRE')
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=847914213
VEstatus=SUCCESS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7") est=0.23 est_nav=0.23 adjfac=47.9864
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER

```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
```



```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1090508152
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1558319047
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1558319047
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=4 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=10.67
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)

```

```
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2) est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1800912986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```



```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
```

```
"A"@SEL$9", "A"@SEL$11") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=1401381593
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1401381593
Vstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=4 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=256891728
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=217916377
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=4 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2556741784
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=10.67
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=71849249
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=217916377
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2556741784
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=10.67
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
```

kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vistatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=4 id=71849249  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=4 id=71849249  
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9") est=0.23 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=4 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=4 id=1070271986  
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11") est=0.23 est\_nav=0.23 adjfac=46.5337  
new\_est=10.67  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=4 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=4 id=2410674656  
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11", "E"@SEL\$5")



```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=645552795
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=645552795
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1421617759
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1421617759
VEstatus=EXISTS estttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2) est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```

kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2762020429
  kkoatGetPreds(enter)
    sPreds (10) =          nsPreds (0) =  kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
  kkoatFindSampleTable (JL): canSamp=0 cdn=16 maxCard=11
  kkoatFindSampleTable (J): canSamp=0 cdn=26 maxCard=11
  kkoatFindSampleTable (E): canSamp=1 cdn=26 maxCard=26
  kkoatFindSampleTable(exit): tab=E
  kkoatVerifyEst: sPreds =
(BITAND("A#6"."PROPERTY",6)=4) AND ("A#6"."ADVISOR_NAME" LIKE :B1) AND
("A#6"."NAME" LIKE :B2) AND ("JL#0"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="JL#0"."OWNER") AND
("J#1"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="J#1"."OWNER") AND ("A#6"."ID"="E#5"."TASK_ID") AND
("A#6"."ADVISOR_ID"="E#5"."ADVISOR_ID") AND
("A#6"."LAST_EXEC_NAME"="E#5"."NAME")
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2762020429
VEstatus=SUCCESS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5) est=275.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=4 id=3760443166
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3760443166
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11")

```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=460510316
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=460510316
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1236575280
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)

```

```

pass=4 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=499485667
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=499485667
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1275550631
kkoatGetPreds(enter)
sPreds (9) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=9

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kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
kkoatFindSampleTable (JL): canSamp=0 cdn=16 maxCard=11
kkoatFindSampleTable (J): canSamp=0 cdn=26 maxCard=11
kkoatFindSampleTable(exit): tab=A
kkoatVerifyEst: sPreds =
("A#4"."NAME"='DAYS_TO_EXPIRE') AND ("A#4"."TASK_ID"="A#6"."ID") AND
("A#6"."ADVISOR_NAME" LIKE :B1) AND ("A#6"."NAME" LIKE :B2) AND
(BITAND("A#6"."PROPERTY",6)=4) AND
("JL#0"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="JL#0"."OWNER") AND
("J#1"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="J#1"."OWNER")

*** 2013-01-09 23:53:40.910
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1275550631
VEstatus=SUCCESS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2615953301
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2615953301
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1090508152

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kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1090508152
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$9")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
jop=0x00000000217D8040
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
  pass=4 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=4 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=4 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=0.29
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131  
new\_est=1.00  
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58  
joP=0x00000000217D8040  
kkoatRestoreJoinOrder(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=4 id=217916377  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=4 id=217916377  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
est=0.29 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1558319047
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1558319047
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1800912986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"E"@SEL$5", "A"@SEL$11") est=0.23 est_nav=0.23 adjfac=37.4015
new_est=8.73
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3332806748
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2) est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=4 id=3575400687
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
      kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
        kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
        kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
        kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
          kkoatVerifyEst(enter)
            pass=4 id=2430910822
            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
            kkoatVerifyEst(exit)
              kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
              kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
                kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
                kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
                kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
                kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
                new_est=0.03
                  kkoatVerifyEst(enter)
                    pass=4 id=3332806748
                    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
                    kkoatVerifyEst(exit)
                      kkoatVerifyEst(enter)
                        pass=4 id=3575400687
                        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
                        kkoatVerifyEst(exit)
                          kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
                          kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
                            kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
                            kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
                            kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1412251919
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2188316883
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=460510316
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=460510316
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1800912986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER

```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1654845858
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1458933053
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11") est=0.23 est_nav=0.23 adjfac=37.4015
new_est=8.73
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
Vstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1236575280
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=4 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
```

```

kkoatVerifyEst(enter)
pass=4 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1090508152
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=314443188
kkoatGetPreds(enter)
sPreds (10) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=1
kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
kkoatFindSampleTable (JL): canSamp=0 cdn=16 maxCard=11
kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=11
kkoatFindSampleTable(exit): tab=A
kkoatVerifyEst: sPreds =
("A#3"."NAME"='INSTANCE') AND ("A#3"."VALUE"=TO_CHAR(:B1)) AND
("A#3"."TASK_ID"="A#6"."ID") AND ("A#6"."ADVISOR_NAME" LIKE :B2) AND
("A#6"."NAME" LIKE :B3) AND (BITAND("A#6"."PROPERTY",6)=4) AND
("JL#0"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="JL#0"."OWNER") AND ("A#4"."TASK_ID"="A#6"."ID") AND
("A#4"."NAME"='DAYS_TO_EXPIRE')
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=314443188
VEstatus=SUCCESS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$7") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS

```

```
kkoatVerifyEst(enter)
pass=4 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1090508152
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
V!status=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2556741784
V!status=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.23 est_nav=0.23 adjfac=37.4015
new_est=8.73
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
V!status=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
V!status=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1) est=0.23 est_nav=0.23 adjfac=37.4015
new_est=8.73
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1992404078
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2") est=0.23 est_nav=0.23 adjfac=38.5691
new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
V!status=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=71849249
V!status=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1412251919
V!status=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=4 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=1401381593
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1401381593
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=9.00 est_nav=9.00 (no adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=2.57 est_nav=2.57 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=3.24 est_nav=3.24 adjfac=46.5337
new_est=150.86
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
```

```
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=4 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
V!status=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
V!status=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.29 est_nav=0.29 adjfac=46.5337
new_est=13.71
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
V!status=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=7.23 est_nav=7.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=2.06 est_nav=2.06 adjfac=46.5337
new_est=96.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```



```
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
V!status=EXISTS estt!pe=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
V!status=EXISTS estt!pe=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.29 est_nav=0.29 adjfac=46.5337
new_est=13.71
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
V!status=PASSNUM estt!pe=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
V!status=PASSNUM estt!pe=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=256891728
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=71849249
VEstatus=EXISTS estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=0.19 est_nav=0.19 adjfac=46.5337
new_est=8.73
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=4 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=4 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=4 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.29 est_nav=0.29 adjfac=46.5337
new_est=13.71
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=0.19 est_nav=0.19 adjfac=46.5337
new_est=8.73
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=645552795
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=645552795
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```



```
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1985955465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1985955465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5") est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2762020429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=3760443166
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3760443166
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=460510316
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=460510316
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1800912986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
```

```
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=499485667
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=499485667
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1839888337
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1839888337
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2615953301
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2615953301
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1654845858
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x00000000217D8040
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=5 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=5 id=776064964
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=5 id=242593939
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000002306C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
```

```
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V1status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=5 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000002306C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x000000002306C058
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x000000002306C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A500
  kkoatSetupQbCtx(exit): passNum=5 qbCDone=no atDone=no
  pass=5 id=4148900168
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=5 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=5 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x000000002306C058
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyEst(enter)
pass=5 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=872591775
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=5 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2435352218
VEstatus=TABESTMISS estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=TABESTMISS estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2212994445
```

kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=5 id=2212994445  
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "JO"@SEL\$12", "DI2"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=5 id=3211417182  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=5 id=3211417182  
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "JO"@SEL\$12", "DI2"@SEL\$30", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=5 id=3026374703  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=5 id=3026374703  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "JO"@SEL\$12", "DI2"@SEL\$30", "J"@SEL\$12", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=5 id=2968823243  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=5 id=2968823243  
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=5 id=3211417182  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=5 id=3211417182  
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12", "DI2"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)

```
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1194335542
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1194335542
VEstatus=TABESTMISS esttpe=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1436929481
VEstatus=SIMPJOIN esttpe=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=CARTPROD esttpe=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttpe=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttpe=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2435352218
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=TABESTMISS estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2968823243
VEstatus=TABESTMISS estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttpe=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=SIMPJOIN esttpe=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 tpe=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 tpe=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2007715800
VEstatus=TABESTMISS esttpe=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=SIMPJOIN esttpe=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttpe=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttpe=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=SIMPJOIN esttpe=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=852355609
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x000000002306C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=5 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=5 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=5 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=5 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=998422737
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=776064964
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("DI"@SEL$30") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=242593939
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x000000002315C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=5 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=96526811
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=872591775
VEstatus=CARTPROD estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2212994445
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReuse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=5 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3211417182
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
```



```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2192758279
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=5 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2250309739
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2212994445
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2192758279
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=852355609
```



```
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=5 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=5 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x000000002306C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=5 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=5 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=4206451628
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
  new_est=22.09
  kkoatVerifyEst(enter)
  pass=5 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=5 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=5 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x000000002306C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=5 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=5 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
kkoatVerifyEst(enter)
pass=5 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31") est=27.53
est_nav=27.53 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000022F54028
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
kkoatVerifyEst(enter)
pass=5 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
```



```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=687549296
  VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1685972033
  VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=4206451628
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=687549296
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=57551460
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=687549296
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=57551460
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
```



```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000022F54028
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=4 id=402958856
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=998422737
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x000000002306C058
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1558319047
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1558319047
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1800912986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=4 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2576977950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
Vstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
Vstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2556741784
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=37.4015
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
Vstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
Vstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2334384011
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=4 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```



```
pass=4 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2188316883
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
```

```
pass=4 id=460510316
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=460510316
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1800912986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2576977950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=37.4015
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=1312865925
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1236575280
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1236575280
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=314443188
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=314443188
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1654845858
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```



```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1090508152
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1090508152
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
Vlstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
Vlstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
```



```
kkoatVerifyEst(enter)
pass=4 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=1401381593
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1401381593
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
Vstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
Vstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
Vstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
Vstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2556741784
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
      pass=4 id=2410674656
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7")
      kkoatVerifyEst(exit)
        kkoatVerifyEst(enter)
          pass=4 id=2653268595
          kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
          kkoatVerifyEst(exit)
            kkoatVerifyEst(enter)
              pass=4 id=3186739620
              kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
              kkoatVerifyEst(exit)
                kkoatVerifyEst(enter)
                  pass=4 id=2799335723
                  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
                  kkoatVerifyEst(exit)
                    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
      pass=4 id=2653268595
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
      kkoatVerifyEst(exit)
        kkoatVerifyEst(enter)
```

```
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1458933053
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2799335723
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@ "SEL$5", "A"@ "SEL$11",
"A"@ "SEL$9", "J"@ "SEL$2", "A"@ "SEL$7", "E"@ "SEL$5")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
V!status=PASSNUM estttype=JOIN prelen=7 tables=("A"@ "SEL$5", "A"@ "SEL$11",
"A"@ "SEL$9", "J"@ "SEL$2", "A"@ "SEL$7", "E"@ "SEL$5", "JL"@ "SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@ "SEL$5", "A"@ "SEL$11",
"A"@ "SEL$9", "J"@ "SEL$2", "A"@ "SEL$7", "JL"@ "SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3332806748
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=4 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=256891728
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1216339114
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
```



```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1421617759
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1421617759
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2519426490
```



```

kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2519426490
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2762020429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1") est=275.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=3517849227
  kkoatGetPreds(enter)
    sPreds (8) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
  kkoatFindSampleTable (J): canSamp=0 cdn=2 maxCard=11
  kkoatFindSampleTable (E): canSamp=1 cdn=26 maxCard=26
  kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=26
  kkoatFindSampleTable(exit): tab=E
  kkoatVerifyEst: sPreds =
(BITAND("A#6"."PROPERTY",6)=4) AND ("A#6"."ADVISOR_NAME" LIKE :B1) AND
("A#6"."NAME" LIKE :B2) AND ("A#6"."ID"="E#5"."TASK_ID") AND
("A#6"."ADVISOR_ID"="E#5"."ADVISOR_ID") AND
("A#6"."LAST_EXEC_NAME"="E#5"."NAME") AND ("A#2"."TASK_ID"="A#6"."ID")
AND ("A#2"."NAME"='DB_ID')
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3517849227
VEstatus=SUCCESS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",

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"E"@SEL$5", "A"@SEL$9") est=221.03 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=2373359362
  kkoatGetPreds(enter)
  sPreds (8) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
  kkoatFindSampleTable (J): canSamp=0 cdn=2 maxCard=11
  kkoatFindSampleTable (E): canSamp=1 cdn=26 maxCard=26
  kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=26
  kkoatFindSampleTable(exit): tab=E
  kkoatVerifyEst: sPreds =
(BITAND("A#6"."PROPERTY",6)=4) AND ("A#6"."ADVISOR_NAME" LIKE :B1) AND
("A#6"."NAME" LIKE :B2) AND ("A#6"."ID"="E#5"."TASK_ID") AND
("A#6"."ADVISOR_ID"="E#5"."ADVISOR_ID") AND
("A#6"."LAST_EXEC_NAME"="E#5"."NAME") AND ("A#4"."TASK_ID"="A#6"."ID")
AND ("A#4"."NAME"='DAYS_TO_EXPIRE')
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2373359362
VEstatus=SUCCESS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=101.2118 new_est=25.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=101.2118
new_est=25.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=4 id=2177446557
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2177446557
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2420040496

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kkoatGetPreds(enter)
  sPreds (7) =          nsPreds (0) =    kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
kkoatFindSampleTable (J): canSamp=0 cdn=2 maxCard=11
kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=11
kkoatFindSampleTable (JL): canSamp=0 cdn=16 maxCard=11
kkoatFindSampleTable(exit): tab=A
kkoatVerifyEst: sPreds =
(BITAND("A#6"."PROPERTY",6)=4) AND ("A#6"."ADVISOR_NAME" LIKE :B1) AND
("A#6"."NAME" LIKE :B2) AND ("A#2"."TASK_ID"="A#6"."ID") AND
("A#2"."NAME"='DB_ID') AND ("JL#0"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="JL#0"."OWNER")
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2420040496
VEstatus=SUCCESS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1") est=275.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3517849227
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5") est=275.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=    kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",

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"A"@SEL$11", "A"@SEL$9") est=7.35 est_nav=0.29 adjfac=38.5691
new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=2031379429
  kkoatGetPreds(enter)
  sPreds (7) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
  kkoatFindSampleTable (J): canSamp=0 cdn=2 maxCard=11
  kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=11
  kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=11
  kkoatFindSampleTable(exit): tab=A
  kkoatVerifyEst: sPreds = (BITAND("A#6"."PROPERTY",6)=4) AND
("A#6"."ADVISOR_NAME" LIKE :B1) AND ("A#6"."NAME" LIKE :B2) AND
("A#2"."TASK_ID"="A#6"."ID") AND ("A#2"."NAME"='DB_ID') AND
("A#4"."TASK_ID"="A#6"."ID") AND ("A#4"."NAME"='DAYS_TO_EXPIRE')
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2031379429
VEstatus=SUCCESS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=993981341

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kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1032956692
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1032956692
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1275550631
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1275550631
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x000000002306C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=5 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=5 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
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pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=5 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000217EBC08
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=5 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000217EBC08
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$52271521 pass=5 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21") est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x00000000275BC058
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x00000000275BC058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=5 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$44902B2C pass=5 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=CANDFRO
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x00000000275BBCC0
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x00000000275BBCC0
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=5 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000002717C058
  kkoatRestoreJoinOrder(exit)
```

```
kkoatVerifyEst(enter)
pass=5 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000002717C058
kkoatSaveJoinOrder(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x000000002717C058
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x000000002717C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=5 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=5 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=5 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027176FA0
kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=5 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2212994445
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReuse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=5 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=1970400506
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=2212994445
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=3211417182
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=3026374703

```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```



```
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2192758279
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=5 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2007715800
```



```
kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=5 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=5 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=5 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x00000000274AC058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=5 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=5 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2250309739
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1094949548
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
```

```

kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1970400506

```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2212994445
```



kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=5 id=2212994445  
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "DI"@SEL\$30", "DI2"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=5 id=3211417182  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=5 id=3211417182  
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "DI"@SEL\$30", "DI2"@SEL\$30", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=5 id=3026374703  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=5 id=3026374703  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "DI"@SEL\$30", "DI2"@SEL\$30", "J"@SEL\$12", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=5 id=2968823243  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=5 id=2968823243  
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "DI"@SEL\$30", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=5 id=3211417182  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=5 id=3211417182  
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "DI"@SEL\$30", "J"@SEL\$12", "DI2"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)

```

table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2192758279
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)

```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=852355609
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=3211417182
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=2435352218
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=3211417182
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=3026374703

```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=TABESTMISS estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1970400506
VEstatus=CARTPROD estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEMATA$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMATA$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEMATA$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMATA$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3026374703
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2250309739
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=5 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=5 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x00000000274AC058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=5 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=5 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyEst(enter)
pass=5 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=242593939
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000023304028
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatVerifyEst(enter)
  pass=5 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=5 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=5 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=5 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=5 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=5 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=5 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=57551460
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000023304028
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=5 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=5 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=5 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000023034028
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyEst(enter)
pass=5 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1685972033
Vlstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=687549296
Vlstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1685972033
Vlstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=4206451628
Vlstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=591022485
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"L"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=444955357
Vlstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "LO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1443378094
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=591022485
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=444955357
Vlstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1443378094
Vlstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
```



```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=57551460
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000023034028
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=4 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=4148900168
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
    kkoatVerifyEst(enter)
  pass=4 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
    kkoatVerifyEst(enter)
  pass=4 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000023034028
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=4 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3332806748
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```



```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1) est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2799335723
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1312865925
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=993981341
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=993981341
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=4 id=1992404078
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1992404078
    VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
    "J"@SEL$2", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=38.5691
    new_est=341.00
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
        table=E index=WRI$_ADV_EXECS_PK estType=SCAN
        kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
        kkoatVerifyIdxAcc(enter)
          table=E index=WRI$_ADV_EXECS_PK estType=FILTER
          kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
          kkoatVerifyIdxAcc(enter)
            table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
            kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
            kkoatVerifyIdxAcc(enter)
              table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
              kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
              kkoatVerifyIdxAcc(enter)
                table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
                kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                kkoatVerifyIdxAcc(enter)
                  table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
                  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                  kkoatVerifyEst(enter)
                    pass=4 id=3332806748
                    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
                    VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
                    "J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
                    kkoatVerifyEst(exit)
                      kkoatVerifyEst(enter)
                        pass=4 id=3575400687
                        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
                        VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
                        "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
                        kkoatVerifyEst(exit)
                          kkoatVerifyIdxAcc(enter)
                            table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
                            kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                            kkoatVerifyIdxAcc(enter)
                              table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
                              kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
                              type=FILTER
                              kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
                              VIstatus=success est=0.25 (no adjustment)
                              kkoatVerifyEst(enter)
                                pass=4 id=3186739620
                                kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
                                VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
                                "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
                                kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=4 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```



```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=847914213
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=847914213
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 adjfac=47.9864
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1846336950
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=1090508152
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1090508152
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=1558319047
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1558319047
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=4 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"E"@SEL$5", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=37.4015
new_est=330.68
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=4 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=4 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=4 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2334384011
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2576977950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2188316883
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1800912986
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2576977950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```



```
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1401381593
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
Vlstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
Vlstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1992404078
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=217916377
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1255314465
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=217916377
Vstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=4 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=71849249
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2556741784
V!status=EXISTS estt!pe=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
t!pe=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
V!status=PASSNUM estt!pe=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
V!status=SIMPJOIN estt!pe=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
V!status=PASSNUM estt!pe=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
V!status=SIMPJOIN estt!pe=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
V!status=PASSNUM estt!pe=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
  VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
  VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
  new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
  VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=71849249
  VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1421617759
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1421617759
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
```



```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=2519426490
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2519426490
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=2762020429
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1") est=275.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
    kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)

```

```
pass=4 id=3517849227
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11") est=275.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9") est=221.03 est_nav=8.84 adjfac=38.5691
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2373359362
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2373359362
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=101.2118 new_est=25.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=101.2118
new_est=25.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=2177446557
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2177446557
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2420040496
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2420040496
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1") est=275.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3517849227
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5") est=275.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9") est=7.35 est_nav=0.29 adjfac=38.5691
new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2031379429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2031379429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@ "SEL$5", "J"@ "SEL$2",
"A"@ "SEL$11", "A"@ "SEL$7") est=221.03 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@ "SEL$9", "A"@ "SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"J"@ "SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"J"@ "SEL$2", "JL"@ "SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1032956692
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1032956692
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1275550631
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1275550631
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000023034028
  kkoatSaveJoinOrder(exit)
  kkoatInitCtx(enter): ctxP=0x000007FF0D1B6078 roundNum=5
  kkoatInitCtx(exit): timeSlice=3260

*** 2013-01-09 23:53:41.641
  kkoatVerifyEst(enter)
  pass=5 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=5 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=5 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000027172168
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=5 id=1018658903
Vstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000027172168
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E56E458
    kkoatStatsCollectTab(enter): froP=0x0000000016EBCC60
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EBCC60
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x0000000016EBD028
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17680 froP=0x0000000016EBD028
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 Vstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 Vstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 Vstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 Vstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 Vstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 Vstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 Vstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
  kkoatVerifyEst(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E56F3A8
    kkoatStatsCollectTab(enter): froP=0x0000000016EC73E0
```

```
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EC73E0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016EC76E0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17680 froP=0x0000000016EC76E0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E598B98
kkoatStatsCollectTab: skip fro=000000001E598B98
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$19 pass=5 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("WM"@ "SEL$19") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x0000000027172168
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x0000000027172168
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E52CF58
kkoatStatsCollectTab(enter): froP=0x000000001E52CB80
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17780 froP=0x000000001E52CB80
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=5 id=776064964
```

kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=5 id=776064964  
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U"@SEL\$18")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER1 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER1 estType=FILTER  
kkoatVerifyIdxAcc: using access estimate for filter  
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS  
kkoatVerifyEst(enter)  
pass=5 id=2113250766  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=5 id=2113250766  
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("W"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=5 id=1593508212  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=5 id=1593508212  
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WG"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=5 id=598302687  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=5 id=598302687  
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=5 id=402958856  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=5 id=402958856  
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMU"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=5 id=1340402670  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=5 id=1340402670  
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMO"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=5 id=4148900168  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=5 id=4148900168  
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMU"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=5 id=4109924817  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=5 id=4109924817  
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMO"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=5 id=998422737  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=5 id=998422737  
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J1"@SEL\$18")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=5 id=242593939  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=5 id=242593939  
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL\$18")



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x0000000027172168
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=4130332406
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17",
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3182536200
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=3585495056
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3585495056
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "WMU"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17", "CMU"@SEL$17"
)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=3367578679
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3367578679
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=3182536200

```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2519426490
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1018658903
Vestatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2017081640
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=4130332406
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1428873322
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$DEST_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$DEST_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2027176009
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1842133530
```



```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17")
```

```

)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=4130332406

```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1696066402
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2116467634
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3182536200
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=3036469072
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=1179023820
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```
kkoatVerifyEst(enter)
pass=5 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2519426490
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1374367651
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1374367651
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2967875863
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2967875863
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=786159333
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=786159333
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1784582070
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1784582070
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```



```
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=4130332406
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2027176009
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=5 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x0000000027172168
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E519630
kkoatStatsCollectTab(enter): froP=0x000000001E52E3D8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E52E3D8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E52E6C8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E52E6C8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E52E9C0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17968 froP=0x000000001E52E9C0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E512F10
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E512F10
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E513200
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E513200
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E5134F0
```

```
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E5134F0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E5137E0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E5137E0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E513FD8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E513FD8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E5142D8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17780 froP=0x000000001E5142D8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E5145D8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17A68 froP=0x000000001E5145D8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=5 id=776064964
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("D"@SEL$15")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x0000000027172168
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=5 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=5 id=1018658903
VEstatus=NOROWS estttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x0000000027172168
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=5 id=776064964
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("D"@SEL$15")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000278266D0
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=5 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=5 id=1018658903
VEstatus=NOROWS estttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
kkoatVerifyEst(exit)
```

```
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000278266D0
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E4F3930
kkoatStatsCollectTab(enter): froP=0x000000001E519940
kkoatStatsCollectTab: skip fro=000000001E519940
kkoatStatsCollectTab(enter): froP=0x000000001E519DC0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001E519DC0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=5 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=998422737
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x0000000027172168
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "AO"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=2017081640
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=1832039161
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=833616424
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=833616424
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "O"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=5 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=5 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```



```
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=1589445222
V!status=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=1832039161
V!status=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26", "AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=591022485
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=591022485
V!status=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=833616424
```

```
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=833616424
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=591022485
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=813380258
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=5 id=813380258
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("U"@SEL$26",
"O"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x0000000027172168
    kkoatSaveJoinOrder(exit)
      kkoatStatsCollect(enter): qbcP=0x000000001E572FF0
      kkoatStatsCollectTab(enter): froP=0x000000001E54F110
      kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E54F110
      kkoatTabStatsVerify(exit): statState=OKAY
      kkoatStatsCollectTab(exit)
        kkoatStatsCollectTab(enter): froP=0x000000001E54F410
        kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E54F410
        kkoatTabStatsVerify(exit): statState=OKAY
        kkoatStatsCollectTab(exit)
          kkoatStatsCollectTab(enter): froP=0x000000001E54F700
          kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E54F700
          kkoatTabStatsVerify(exit): statState=OKAY
          kkoatStatsCollectTab(exit)
            kkoatStatsCollectTab(enter): froP=0x000000001E54F9F0
            kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E54F9F0
            kkoatTabStatsVerify(exit): statState=OKAY
            kkoatStatsCollectTab(exit)
              kkoatStatsCollect(exit)
                kkoatVerifyEst(enter)
pass=5 id=776064964
                kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=5 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$28")
                kkoatVerifyEst(exit)
                  kkoatVerifyEst(enter)
pass=5 id=242593939
                  kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=5 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$28") est=0.02
est_nav=0.02 (no adjustment)
                  kkoatVerifyEst(exit)
                    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x0000000027172168
                    kkoatRestoreJoinOrder(exit)
                      kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
                      kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
                      kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
                      kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
                      kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
                      kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=5 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$28", "O"@SEL$28")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x0000000027172168
    kkoatSaveJoinOrder(exit)
      kkoatStatsCollect(enter): qbcP=0x000000001E572138
      kkoatStatsCollectTab(enter): froP=0x000000001E547F28
      kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E547F28
      kkoatTabStatsVerify(exit): statState=OKAY
      kkoatStatsCollectTab(exit)
        kkoatStatsCollectTab(enter): froP=0x000000001E548218
        kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E548218
        kkoatTabStatsVerify(exit): statState=OKAY
        kkoatStatsCollectTab(exit)
        kkoatStatsCollect(exit)
        kkoatVerifyEst(enter)
pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$23 pass=5 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("R01"@SEL$23")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ2 estType=SKIP_SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ5 estType=SKIP_SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x0000000027172168
    kkoatRestoreJoinOrder(exit)
      kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x0000000027172168
      kkoatSaveJoinOrder(exit)
        kkoatStatsCollect(enter): qbcP=0x000000001E5756B0
        kkoatStatsCollectTab(enter): froP=0x000000001E574C30
        kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E574C30
        kkoatTabStatsVerify(exit): statState=OKAY
        kkoatStatsCollectTab(exit)
        kkoatStatsCollect(exit)
        kkoatVerifyEst(enter)
pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$24 pass=5 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L01"@SEL$24")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=L01 index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x0000000027172168
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x0000000027172168
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E574850
  kkoatStatsCollectTab(enter): froP=0x000000001E573EC8
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17C70 froP=0x000000001E573EC8
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=5 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$21 pass=5 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@ "SEL$21") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BB28
joP=0x0000000027172168
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BB28
joP=0x0000000027172168
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E525848
  kkoatStatsCollectTab(enter): froP=0x000000001E522148
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17968 froP=0x000000001E522148
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=5 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$22 pass=5 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@ "SEL$22")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x0000000027172168
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x0000000027172168
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E521D60
  kkoatStatsCollectTab(enter): froP=0x000000001E5765A8
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001E5765A8
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=5 id=776064964
```

```
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000027172168
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyEst(enter)
pass=5 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"J1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=5 id=1832039161
VEstatus=TABESTMISS estttype=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "O1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000027172168
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E52B1F0
    kkoatStatsCollectTab(enter): froP=0x000000001E573300
kkoatStatsCollectTab: skip fro=000000001E573300
    kkoatStatsCollectTab(enter): froP=0x000000001E5735F0
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E5735F0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E5759C0
kkoatStatsCollectTab: skip fro=000000001E5759C0
  kkoatStatsCollectTab(enter): froP=0x000000001E525C90
kkoatStatsCollectTab: skip fro=000000001E525C90
kkoatStatsCollect(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000027172168
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000027172168
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x0000000016F05B70
    kkoatStatsCollectTab(enter): froP=0x0000000016F05788
kkoatStatsCollectTab: skip fro=0000000016F05788
kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=5 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=4148900168
VEstatus=SUCCESS estttype=TABLE prelen=1 tables=("JU"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
    kkoatVerifyIdxAcc: using access estimate for filter
    kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyEst(enter)
pass=5 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1340402670
VEstatus=SUCCESS estttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=5 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30") est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027172168
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=5 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
```



```
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2435352218
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=872591775
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=5 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttpe=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttpe=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2435352218
VEstatus=TABESTMISS esttpe=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttpe=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttpe=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMATA$JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEMATA$JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMATA$JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=5 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027172168
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=5 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=5 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=5 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x000000002329C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=5 id=96526811
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3211417182
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1094949548
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2212994445
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=5 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2212994445

```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```



```
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2192758279
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=852355609
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=3211417182
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=2435352218
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=3211417182
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=3026374703

```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=TABESTMISS estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=1970400506
VEstatus=CARTPROD estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2212994445
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2250309739
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=5 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=3026374703
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=5 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=5 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x000000002329C058
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x0000000016EB43E8
kkoatStatsCollectTab(enter): froP=0x000000001CFE1DD0
kkoatStatsCollectTab: skip fro=000000001CFE1DD0
kkoatStatsCollectTab(enter): froP=0x000000001CFE21F0
kkoatStatsCollectTab: skip fro=000000001CFE21F0
kkoatStatsCollectTab(enter): froP=0x0000000016F01210
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17968 froP=0x0000000016F01210
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016F01500
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016F01500
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016F017F0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x0000000016F017F0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016F01A78
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016F01A78
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=5 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
    kkoatVerifyEst(enter)
    pass=5 id=4148900168
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
    kkoatVerifyEst(enter)
    pass=5 id=998422737
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=5 id=776064964
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=5 id=242593939
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027603F58
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
    kkoatVerifyEst(enter)
    pass=5 id=3963857689
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=5 id=444955357
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
```

```
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=5 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=5 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=4206451628
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 adjfac=22.0875
  new_est=22.09
  kkoatVerifyEst(enter)
  pass=5 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=5 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=5 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027603F58
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=5 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=5 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
kkoatVerifyEst(enter)
pass=5 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31") est=27.53
est_nav=27.53 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027834028
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
kkoatVerifyEst(enter)
pass=5 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=687549296
  VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1685972033
  VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
  VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
  VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
  VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
  VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=4206451628
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=687549296
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=57551460
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=687549296
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=57551460
```



```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=5 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
jop=0x0000000027834028
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x0000000016EFF958
kkoatStatsCollectTab(enter): froP=0x000000001CFEDCE0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001CFEDCE0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001CFEE1B8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001CFEE1B8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001CFEE4A8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001CFEE4A8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001CFEE798
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001CFEE798
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001CFEEA98
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17C70 froP=0x000000001CFEEA98
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=4 id=402958856
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=998422737
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027603F58
kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyEst(enter)
      pass=4 id=217916377
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=217916377
      VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
      est=8.84 est_nav=8.84 (no adjustment)
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=4 id=1216339114
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
    VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=4 id=1992404078
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1992404078
      VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=4 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
Vstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```



```

table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER

```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
Vlstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
Vlstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1458933053
Vlstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1) est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
Vlstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=4 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1312865925
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=993981341
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=4 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2576977950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```



```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=847914213
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=847914213
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 adjfac=47.9864
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1846336950
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2188316883
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1090508152
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=4 id=1090508152  
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"J"@SEL\$2", "A"@SEL\$7", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=4 id=1558319047  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=4 id=1558319047  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=4 id=2556741784  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=4 id=2556741784  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",

```
"E"@SEL$5", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=37.4015
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2334384011
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2576977950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2188316883
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1800912986
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2576977950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1654845858
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```



```
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1401381593
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```

kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5")

```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1992404078
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=4 id=2088930889
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
      VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
      "A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
        kkoatVerifyEst(exit)
          kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
      pass=4 id=3332806748
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
      VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
      "A"@SEL$9", "J"@SEL$2", "E"@SEL$5")
        kkoatVerifyEst(exit)
          kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
      pass=4 id=3186739620
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
      VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
      "A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
        kkoatVerifyEst(exit)
          kkoatVerifyEst(enter)
            pass=4 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2234998017
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
  VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
  VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
  VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1255314465
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=4 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=71849249
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2556741784
V!status=EXISTS estt!ype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
t!ype=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
V!status=PASSNUM estt!ype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
V!status=SIMPJOIN estt!ype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
V!status=PASSNUM estt!ype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3332806748
V!status=SIMPJOIN estt!ype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2799335723
V!status=PASSNUM estt!ype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1846336950
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1312865925
VEstatus=PASSNUM estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3429333559
  VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
  VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
  new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
  VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=71849249
  VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=4 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2410674656
Vestatus=PASSNUM esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1179023820
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1421617759
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1421617759
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
```



```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=4 id=2519426490
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2519426490
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=4 id=2762020429
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1") est=275.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
    kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)

```

```
pass=4 id=3517849227
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11") est=275.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9") est=221.03 est_nav=8.84 adjfac=38.5691
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=2373359362
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2373359362
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=101.2118 new_est=25.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=101.2118
new_est=25.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=4 id=2177446557
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2177446557
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=4 id=2420040496
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2420040496
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1") est=275.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=4 id=3517849227
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5") est=275.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=4 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9") est=7.35 est_nav=0.29 adjfac=38.5691
new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=4 id=2031379429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=2031379429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@ "SEL$5", "J"@ "SEL$2",
"A"@ "SEL$11", "A"@ "SEL$7") est=221.03 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=4 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@ "SEL$9", "A"@ "SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"J"@ "SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=4 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"J"@ "SEL$2", "JL"@ "SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=4 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1032956692
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1032956692
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=4 id=1275550631
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=4 id=1275550631
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
jobjP=0x0000000027603F58
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E57D020
  kkoatStatsCollectTab(enter): froP=0x000000001E56F678
kkoatStatsCollectTab: skip fro=000000001E56F678
  kkoatStatsCollectTab(enter): froP=0x000000001E560108
kkoatStatsCollectTab: skip fro=000000001E560108
  kkoatStatsCollectTab(enter): froP=0x000000001F0691E8
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F0691E8
  kkoatTabStatsVerify(exit): statState=STALE
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001F067100
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F067100
  kkoatTabStatsVerify(exit): statState=STALE
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001F065000
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F065000
  kkoatTabStatsVerify(exit): statState=STALE
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001F060A38
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17D70 froP=0x000000001F060A38
  kkoatTabStatsVerify(exit): statState=STALE
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001F060D30
```

```
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F181A8 froP=0x000000001F060D30
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
    end kestsDoRounds() round error=0 msg=
    kestsDoRounds() round=6
kkoatStatsCollectTab(enter): froP=0x000000001E514238
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E514238
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E54F210
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E54F210
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1D0C0
kkoatSetupQbCtx(exit): passNum=6 qbcDone=yes atDone=yes
pass=6 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=6 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35) est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=6 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
jop=0x000000001E55C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=6 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35)
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
jop=0x000000001E55C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
```

```
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=6 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35) est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=6 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001F12C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
```

```
pass=6 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=6 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001F12C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_2"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_2"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_2"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_2"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1CE78
kkoatSetupQbCtx(exit): passNum=6 qbcDone=yes atDone=yes
pass=6 id=776064964
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=6 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=6 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1CE78
joP=0x000000001F178040
kkoatRestoreJoinOrder(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=6 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=776064964
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=6 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=2.36
est_nav=2.36 adjfac=0.4427 new_est=1.05
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=6 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=6 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=1.05 est_nav=1.05 (no adjustment)
kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1CE78
joP=0x000000001F178040
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C0B8
  kkoatSetupQbCtx(exit): passNum=6 qbcDone=yes atDone=yes
pass=6 id=776064964
kkoatVerifyEst: complete, qbName=SEL$9CF1E98E pass=6 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$33") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=E index=SCHEDULER$_INSTANCE_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyEst(enter)
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$9CF1E98E pass=6 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C0B8
joP=0x000000001F178040
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$9CF1E98E pass=6 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C0B8
joP=0x000000001F178040
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C280
kkoatSetupQbCtx(exit): passNum=6 qbcDone=yes atDone=yes
pass=6 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=998422737
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("AO"@SEL$26")
kkoatVerifyEst(exit)
```

```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x0000000021543A50
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=1018658903
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "AO"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=2017081640
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=833616424
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "O"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=1832039161
V!status=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=1589445222
V!status=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26", "AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=591022485
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=833616424
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=833616424
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.03 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.03 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.03 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=6 id=591022485
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=813380258
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=813380258
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("U"@SEL$26",
"O"@SEL$26")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x0000000021543A50
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C558
kkoatSetupQbCtx(exit): passNum=6 qbcDone=yes atDone=yes
pass=6 id=776064964
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=6 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$28")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=6 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$28") est=0.02
est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x0000000021543A50
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=6 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$28", "O"@SEL$28")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x0000000021543A50
    kkoatSaveJoinOrder(exit)
      kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B8C8
kkoatSetupQbCtx(exit): passNum=6 qbcDone=yes atDone=yes
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$23 pass=6 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("RO1"@SEL$23")
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x0000000021543A50
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x0000000021543A50
    kkoatSaveJoinOrder(exit)
      kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B9F8
kkoatSetupQbCtx(exit): passNum=6 qbcDone=yes atDone=yes
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$24 pass=6 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LO1"@SEL$24")
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x0000000021543A50
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x0000000021543A50
    kkoatSaveJoinOrder(exit)
      kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BB28
kkoatSetupQbCtx(exit): passNum=6 qbcDone=yes atDone=yes
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$21 pass=6 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BB28
joP=0x0000000021543A50
    kkoatRestoreJoinOrder(exit)
      kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BB28
joP=0x0000000021543A50
      kkoatSaveJoinOrder(exit)
        kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BC58
```



```
kkoatSetupQbCtx(exit): passNum=6 qbcDone=yes atDone=yes
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$22 pass=6 id=242593939
VEstatus=NOROWS estttype=TABLE prelen=1 tables=("LJ1"@SEL$22")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x0000000021543A50
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x0000000021543A50
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BD88
kkoatSetupQbCtx(exit): passNum=6 qbcDone=yes atDone=yes
pass=6 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=776064964
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000001F14C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=6 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1774487701
VEstatus=TABESTMISS estttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1589445222
VEstatus=TABESTMISS estttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1832039161
VEstatus=TABESTMISS estttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"J1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=6 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1055974197
VEstatus=EXISTS estttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1832039161
VEstatus=TABESTMISS estttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=813380258
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("J1"@SEL$20",
"O1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1589445222
VEstatus=TABESTMISS estttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=57551460
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=57551460
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000001F14C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A758
  kkoatSetupQbCtx(exit): passNum=6 qbcDone=yes atDone=yes
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$52271521 pass=6 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21") est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x000000001F14C058
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x000000001F14C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A898
  kkoatSetupQbCtx(exit): passNum=6 qbcDone=yes atDone=yes
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$44902B2C pass=6 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x000000001F14C058
```

```
kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898
jOP=0x000000001F14C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=6 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
jOP=0x000000001F14C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=6 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=813380258
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=6 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000001F14C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A9D8
kkoatSetupQbCtx(exit): passNum=6 qbcDone=yes atDone=yes
pass=6 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=6 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=998422737
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=6 id=998422737
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=6 id=776064964
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=6 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=6 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A9D8
joP=0x000000002152C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
```



```

table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=6 id=1018658903
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "AO"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=6 id=2017081640
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=6 id=1832039161
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=833616424

```

kkoatVerifyEst: complete, qbName=SEL\$0393A011 pass=6 id=833616424  
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL\$26",  
"AO"@SEL\$26", "U"@SEL\$26")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=O index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=O index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=O index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=O index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=6 id=1774487701  
kkoatVerifyEst: complete, qbName=SEL\$0393A011 pass=6 id=1774487701  
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("D"@SEL\$26",  
"O"@SEL\$26")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=AO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=AO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=AO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=AO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=6 id=2017081640  
kkoatVerifyEst: complete, qbName=SEL\$0393A011 pass=6 id=2017081640  
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL\$26",  
"O"@SEL\$26", "AO"@SEL\$26")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER# estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=U index=I\_USER# type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER# estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=U index=I\_USER# type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER2 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=U index=I\_USER2 type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER2 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=U index=I\_USER2 type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=6 id=1832039161  
kkoatVerifyEst: complete, qbName=SEL\$0393A011 pass=6 id=1832039161  
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("D"@SEL\$26",  
"O"@SEL\$26", "AO"@SEL\$26", "U"@SEL\$26")  
kkoatVerifyEst(exit)

```
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=6 id=1589445222
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"O"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=6 id=1832039161
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("D"@SEL$26",
"O"@SEL$26", "U"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=591022485
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=6 id=591022485
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=833616424
```

kkoatVerifyEst: complete, qbName=SEL\$0393A011 pass=6 id=833616424  
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("D"@SEL\$26",  
"U"@SEL\$26", "AO"@SEL\$26")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=0 index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=0 index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=0 index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=0 index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=0 index=I\_OBJ2 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=0 index=I\_OBJ2 type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=0 index=I\_OBJ2 estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=0 index=I\_OBJ2 type=FILTER  
kkoatVerifyIdxAccReUse(exit)  
kkoatVerifyIdxAccDerive(enter) table=0 index=I\_OBJ2 type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=0 index=I\_OBJ4 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=0 index=I\_OBJ4 type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=6 id=1589445222  
kkoatVerifyEst: complete, qbName=SEL\$0393A011 pass=6 id=1589445222  
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL\$26",  
"U"@SEL\$26", "O"@SEL\$26")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=591022485  
kkoatVerifyEst: complete, qbName=SEL\$0393A011 pass=6 id=591022485  
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL\$26",  
"D"@SEL\$26")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=0 index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=0 index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=0 index=I\_OBJ2 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=0 index=I\_OBJ2 type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=0 index=I\_OBJ2 estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=0 index=I\_OBJ2 type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS  
kkoatVerifyIdxAcc(enter)  
table=0 index=I\_OBJ4 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=0 index=I\_OBJ4 type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```
kkoatVerifyEst(enter)
pass=6 id=813380258
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=6 id=813380258
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$26",
"O"@SEL$26")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A9D8
joP=0x000000002152C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1ACB0
kkoatSetupQbCtx(exit): passNum=6 qbcDone=yes atDone=yes
pass=6 id=776064964
kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=6 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$28")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=6 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$28") est=0.02
est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1ACB0
joP=0x000000002152C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=6 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("D"@SEL$28",
"O"@SEL$28")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1ACB0
joP=0x000000002152C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=6 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
kkoatVerifyEst(exit)
```

```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000002152C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=6 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"J1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1055974197
VEstatus=PUSHPRED esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"O1"@SEL$20) est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1589445222
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1832039161
Vestatus=PUSH Pred esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1055974197
Vestatus=PUSH Pred esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1832039161
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```



```
pass=6 id=57551460
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=57551460
VEstatus=PUSHPRED esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000002152C058
kkoatSaveJoinOrder(exit)
```

```
kkoatVerifyEst(enter)
pass=6 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=6 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=6 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000021747FD8
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=6 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000021747FD8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1AE78
kkoatSetupQbCtx(exit): passNum=6 qbcDone=yes atDone=yes
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$19 pass=6 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("WM"@SEL$19") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x00000000217D75F8
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x00000000217D75F8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1AFA8
kkoatSetupQbCtx(exit): passNum=6 qbcDone=no atDone=no
pass=6 id=776064964
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
```

```
kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyEst(enter)
pass=6 id=2113250766
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2113250766
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1593508212
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1593508212
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=598302687
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=598302687
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=402958856
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=402958856
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=998422737
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ5 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
jop=0x00000000217D75F8
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=4130332406
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=1696066402
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=3036469072
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3182536200
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17",
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```



```

table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3585495056
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3585495056
Vestatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3439427928
Vestatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17", "CMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3367578679
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3367578679
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)

```

```
pass=6 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2519426490
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1018658903
Vestatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2017081640
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=SCHEDULER$ _WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$ _WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$ _WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$ _WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=4130332406
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@ "SEL$18",
"O"@ "SEL$18", "J1"@ "SEL$18", "W"@ "SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$ _WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$ _WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$ _WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$ _WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I _SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I _SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I _SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I _SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@ "SEL$18",
"O"@ "SEL$18", "J1"@ "SEL$18", "W"@ "SEL$17", "WG"@ "SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$ _DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$ _DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@ "SEL$18",
"O"@ "SEL$18", "J1"@ "SEL$18", "W"@ "SEL$17", "WG"@ "SEL$17", "D"@ "SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1696066402
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=6 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
```



```
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2116467634
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=4130332406
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=6 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
```

```
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2519426490
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1374367651
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1374367651
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2967875863
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2967875863
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$ WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$ WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=786159333
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=786159333
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1784582070
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1784582070
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```

table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)

```

```

table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1696066402
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2116467634
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
```



```
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x00000000217D75F8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B5C0
kkoatSetupQbCtx(exit): passNum=6 qbcDone=yes atDone=no
pass=6 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=6 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$15")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000217D75F8
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=6 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=6 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000217D75F8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=6 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=6 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$15")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000277B26B8
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=6 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=6 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000277B26B8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$23 pass=6 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("R01"@SEL$23")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x00000000217D75F8
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x00000000217D75F8
kkoatSaveJoinOrder(exit)
```

```
kkoatVerifyEst(enter)
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$24 pass=6 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO1"@SEL$24")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LO1 index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x00000000217D75F8
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x00000000217D75F8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=6 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x00000000217D75F8
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=6 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=591022485
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"J1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=6 id=833616424
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=833616424
VEstatus=TABESTMISS esttpe=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1832039161
VEstatus=TABESTMISS esttpe=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "O1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1589445222
VEstatus=TABESTMISS esttpe=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1832039161
VEstatus=TABESTMISS esttpe=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x00000000217D75F8
kkoatSaveJoinOrder(exit)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F196E0
kkoatSetupQbCtx(exit): passNum=6 qbcDone=yes atDone=no
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x00000000217D75F8
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x00000000217D75F8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F19810
kkoatSetupQbCtx(exit): passNum=6 qbcDone=no atDone=no
pass=6 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1340402670
VEstatus=NOPREDS esttpe=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=4148900168
VEstatus=NOPREDS esttpe=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=4109924817
VEstatus=NOPREDS esttpe=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=998422737
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30)
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x00000000217D75F8
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
```

```

kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatGetPreds(enter)
sPreds (5) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (DI): canSamp=0 cdn=1 maxCard=-1
kkoatFindSampleTable (DI2): canSamp=0 cdn=1 maxCard=-1
kkoatFindSampleTable (J): canSamp=1 cdn=25 maxCard=25
kkoatFindSampleTable (CO): canSamp=1 cdn=75222 maxCard=75222
kkoatFindSampleTable (SYS_ALIAS_2): canSamp=1 cdn=75222 maxCard=75222
kkoatFindSampleTable (SYS_ALIAS_1): canSamp=1 cdn=97 maxCard=75222
kkoatFindSampleTable(exit): tab=CO
kkoatVerifyEst: sPreds =
("DI#1"."INST_ID"=USERENV('INSTANCE')) AND
("J#2"."DATABASE_ROLE"=DECODE(BITAND("DI#1"."DIFL2",32768),32768,'SNAPSHO
T STANDBY',DECODE(BITAND("DI#1"."DIFLG",33554432),33554432,'LOGICAL
STANDBY',DECODE(BITAND("DI#1"."DIFLG",1024),1024,'PHYSICAL
STANDBY','PRIMARY')))) OR "J#2"."DATABASE_ROLE" IS NULL AND
DECODE(BITAND("DI#1"."DIFL2",32768),32768,'SNAPSHOT
STANDBY',DECODE(BITAND("DI#1"."DIFLG",33554432),33554432,'LOGICAL
STANDBY',DECODE(BITAND("DI#1"."DIFLG",1024),1024,'PHYSICAL
STANDBY','PRIMARY'))))='PRIMARY') AND ("J#2"."CLASS_OID"="CO#3"."OBJ#")
AND ("J#2"."OBJ#"="SYS_ALIAS_2#5"."OBJ#") AND
("SYS_ALIAS_2#5"."OWNER#"="SYS_ALIAS_1#4"."USER#")
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
Vestatus=SUCCESS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN

```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3357484310
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```

table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3211417182
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2359061573
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2359061573
Vstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=872591775
Vstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12")

```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2212994445
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```



```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2929847892
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2783780764
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=6 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3114890371
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=6 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2929847892
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2783780764
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vestatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vestatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vestatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vestatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2968823243
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vestatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vestatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
```

```
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=629997836
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=629997836
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1970400506
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1018658903
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3357484310
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
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table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3211417182
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",

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"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2359061573
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2212994445
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1241016676
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
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kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@ "SEL$30",
"J"@ "SEL$12", "CO"@ "SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@ "SEL$30",
"J"@ "SEL$12", "CO"@ "SEL$12", "JO"@ "SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2250309739
```



```
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2250309739
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2435352218
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2250309739
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1582996609
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=96526811
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1436929481
Vestatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI2"@ "SEL$30",
"JU"@ "SEL$12", "JO"@ "SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=813380258
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("J"@ "SEL$12", "CO"@ "SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2153782928
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("J"@ "SEL$12", "CO"@ "SEL$12",
"JO"@ "SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=6 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=6 id=2338825407
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2338825407
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
```

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"CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2192758279
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2192758279
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustement)
```



```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)

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pass=6 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)

```

```
kkoatVerifyEst(enter)
pass=6 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=6 id=2929847892
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2929847892
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3172441831
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
Vstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)

```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=6 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=6 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2359061573
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1241016676
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=6 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2581419346
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2581419346
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=6 id=2396376867
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2396376867
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1582996609
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1582996609
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=6 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
```

```
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2396376867
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2338825407
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2338825407
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

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table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2153782928
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2153782928
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2929847892
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2396376867
Vestatus=SIMPJOIN esttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3172441831

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kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x00000000217D75F8
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
  pass=6 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=6 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=6 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=6 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=6 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
```

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pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x00000000271AC058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=6 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
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"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3211417182
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2359061573
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2212994445
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1774487701
```

kkoatVerifyEst: complete, qbName=SEL\$20EAEDCE pass=6 id=1774487701  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL\$30", "J"@SEL\$12")  
est=25.00 est\_nav=25.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyEst(enter)  
pass=6 id=1589445222  
kkoatVerifyEst: complete, qbName=SEL\$20EAEDCE pass=6 id=1589445222  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL\$30", "J"@SEL\$12",  
"CO"@SEL\$12") est=25.00 est\_nav=25.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ1  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ1  
type=FILTER  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyEst(enter)  
pass=6 id=2929847892  
kkoatVerifyEst: complete, qbName=SEL\$20EAEDCE pass=6 id=2929847892  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL\$30", "J"@SEL\$12",  
"CO"@SEL\$12", "JO"@SEL\$12") est=25.00 est\_nav=25.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_1 index=I\_USER# estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_1 index=I\_USER#  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_1 index=I\_USER# estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_1 index=I\_USER#  
type=FILTER  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_1 index=I\_USER2 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_1 index=I\_USER2  
type=SCAN

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=6 id=2783780764
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=6 id=3114890371
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=6 id=2929847892
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2783780764
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
Vstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=6 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2968823243
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=629997836
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=629997836
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1970400506
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
```



```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=6 id=3172441831
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3357484310
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```

table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)

```

```

table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3211417182
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2359061573
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2359061573
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=872591775
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER

```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2212994445
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1241016676
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=6 id=2250309739
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2250309739
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=6 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=6 id=2581419346
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2581419346
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2396376867
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2250309739
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```

table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2435352218
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2250309739
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)

```

```
kkoatVerifyEst(enter)
pass=6 id=1582996609
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@ "SEL$30",
"JO"@ "SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=96526811
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@ "SEL$30",
"JU"@ "SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1436929481
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI2"@ "SEL$30",
"JU"@ "SEL$12", "JO"@ "SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@ "SEL$12", "CO"@ "SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2153782928
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2007715800
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2783780764
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30) est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2338825407
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2338825407
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2007715800
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2783780764
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2250309739
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2192758279
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
```

```
"JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=6 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3114890371
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
```



```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3357484310
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

```

    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=6 id=3172441831
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=1241016676
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1241016676
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=2017081640
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2017081640
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)

```

```

pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER

```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3357484310
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
```

```

    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=6 id=2396376867
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3172441831
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)

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```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2581419346
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2581419346
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2396376867
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1582996609
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1582996609
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1774487701
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
```



```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=6 id=1589445222
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1589445222
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "DI"@SEL$30",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2929847892
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "DI"@SEL$30",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "DI"@SEL$30",
```

```
"CO"@"SEL$12", "JO"@"SEL$12", "DI2"@"SEL$30", "JU"@"SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@"SEL$12", "DI"@"SEL$30",
"JO"@"SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@"SEL$12", "DI"@"SEL$30",
"JO"@"SEL$12", "CO"@"SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@"SEL$12",
"DI"@"SEL$30", "JO"@"SEL$12", "CO"@"SEL$12", "DI2"@"SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "DI"@SEL$30",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2153782928
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2929847892
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2338825407
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2338825407
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3114890371
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=6 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=6 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x00000000271AC058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F19C00
  kkoatSetupQbCtx(exit): passNum=6 qbcDone=yes atDone=no
pass=6 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x00000000217D75F8
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=6 id=629997836
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31, "LO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=6 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31, "LU"@SEL$31)
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=6 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=6 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=6 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=6 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1774487701
VEstatus=NOROWS estttype=JOIN prelen=2 tables=("L"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1628420573
VEstatus=NOROWS estttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=6 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1871014512
VEstatus=NOROWS estttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS estttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=6 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1871014512
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=6 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=6 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```



```

table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31", "PO"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31", "PO"@SEL$31",
"LO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31", "PO"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31", "PO"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31", "PO"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("L"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=6 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
    kkoatVerifyEst(enter)
    pass=6 id=1685972033
    kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
    kkoatVerifyEst(enter)
    pass=6 id=872591775
    kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=6 id=1871014512
    kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```

    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=1685972033
    kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=687549296
    kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=1685972033
    kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31, "PO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
    pass=6 id=687549296
    kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=687549296
Vestatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
      kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
      kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
      kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
      kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
      kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
      kkoatVerifyEst(enter)
    pass=6 id=1685972033
    kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
Vestatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
    pass=6 id=96526811
    kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=96526811
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"PO"@SEL$31")
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
      kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
      kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
      kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
      kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
      kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
      kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
      kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
      kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
      kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
      kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
      kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
      kkoatVerifyEst(enter)
    pass=6 id=3963857689
    kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=3963857689
Vestatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"LU"@SEL$31")
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
    pass=6 id=444955357
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=6 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=591022485
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=6 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=6 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x00000000217D75F8
```

```
kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=6 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LO"@SEL$31)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LU"@SEL$31)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=998422737
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=776064964
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x00000000232F4028
kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=6 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31, "LO"@SEL$31)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31, "PO"@SEL$31")
kkoatVerifyEst(exit)
```

```

kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)

```

```
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31, "LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1774487701
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31,
"LCO"@SEL$31)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```

table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)

```

```
kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31", "PO"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1871014512
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1832039161
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("L"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
```



```
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1871014512
Vestatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
Vestatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=687549296
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=1685972033
    kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
    kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
    kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
    kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
    kkoatVerifyIdxAccReUse(exit)
    kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
    kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
    kkoatVerifyEst(enter)
pass=6 id=96526811
    kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=96526811
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"PO"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=3963857689
Vestatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=444955357
Vestatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1443378094
Vestatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
```



```
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1443378094
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=687549296
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31,
"LO"@SEL$31, "L"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31,
"LO"@SEL$31, "L"@SEL$31, "PO"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31,
"LO"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=96526811
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=96526811
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
```

```
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
Vestatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=687549296
Vestatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=591022485
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=444955357
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"L"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31")
  kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=6 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=687549296
Vestatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "L"@ "SEL$31", "PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=1685972033
Vestatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "L"@ "SEL$31", "PO"@ "SEL$31", "LCO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$31 pass=6 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x00000000232F4028
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000016E8AB58
  kkoatSetupQbCtx(exit): passNum=5 qbcDone=no atDone=no
  pass=5 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1340402670
Vestatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=4148900168
Vestatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=4109924817
Vestatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=998422737
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=998422737
Vestatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x00000000217D75F8
kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=5 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1992404078
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=5 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2234998017
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
```

```
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
VEstatus=COSTCUTOFF estttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```



```
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
table=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
```

```

kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2799335723
kkoatGetPreds(enter)
sPreds (12) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=9
kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=11
kkoatFindSampleTable (E): canSamp=1 cdn=26 maxCard=26
kkoatFindSampleTable (JL): canSamp=0 cdn=16 maxCard=26
kkoatFindSampleTable(exit): tab=E
kkoatVerifyEst: sPreds =
("A#3"."NAME"='INSTANCE') AND ("A#3"."TASK_ID"="A#6"."ID") AND
("A#6"."ADVISOR_NAME" LIKE :B1) AND ("A#6"."NAME" LIKE :B2) AND
(BITAND("A#6"."PROPERTY",6)=4) AND ("A#2"."TASK_ID"="A#6"."ID") AND
("A#2"."NAME"='DB_ID') AND ("A#6"."ID"="E#5"."TASK_ID") AND
("A#6"."ADVISOR_ID"="E#5"."ADVISOR_ID") AND
("A#6"."LAST_EXEC_NAME"="E#5"."NAME") AND
("JL#0"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="JL#0"."OWNER")
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
VEstatus=SUCCESS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3575400687

```

```

kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2410674656
  kkoatGetPreds(enter)
    sPreds (12) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)

```

```
kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=9
kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=11
kkoatFindSampleTable (E): canSamp=1 cdn=26 maxCard=26
kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=26
kkoatFindSampleTable(exit): tab=E
kkoatVerifyEst: sPreds =
("A#3"."NAME"='INSTANCE') AND ("A#3"."TASK_ID"="A#6"."ID") AND
("A#6"."ADVISOR_NAME" LIKE :B1) AND ("A#6"."NAME" LIKE :B2) AND
(BITAND("A#6"."PROPERTY",6)=4) AND ("A#2"."TASK_ID"="A#6"."ID") AND
("A#2"."NAME"='DB_ID') AND ("A#6"."ID"="E#5"."TASK_ID") AND
("A#6"."ADVISOR_ID"="E#5"."ADVISOR_ID") AND
("A#6"."LAST_EXEC_NAME"="E#5"."NAME") AND ("A#4"."TASK_ID"="A#6"."ID")
AND ("A#4"."NAME"='DAYS_TO_EXPIRE')
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=SUCCESS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2234998017
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2234998017
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2088930889
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
```

```
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1312865925
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
  VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
  VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
  VEstatus=COSTCUTOFF estttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1312865925
kkoatGetPreds(enter)
sPreds (11) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=9
kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=11
kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=11
kkoatFindSampleTable (JL): canSamp=0 cdn=16 maxCard=11
kkoatFindSampleTable(exit): tab=A
kkoatVerifyEst: sPreds =
("A#3"."NAME"='INSTANCE') AND ("A#3"."TASK_ID"="A#6"."ID") AND
("A#6"."ADVISOR_NAME" LIKE :B1) AND ("A#6"."NAME" LIKE :B2) AND
(BITAND("A#6"."PROPERTY",6)=4) AND ("A#2"."TASK_ID"="A#6"."ID") AND
("A#2"."NAME"='DB_ID') AND ("A#4"."TASK_ID"="A#6"."ID") AND
("A#4"."NAME"='DAYS_TO_EXPIRE') AND

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("JL#0"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="JL#0"."OWNER")
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
VEstatus=SUCCESS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=993981341
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=993981341
VEstatus=EXISTS estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2) est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=5 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1992404078
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2234998017
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2234998017
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2088930889
```



kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=2088930889  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"J"@SEL\$2", "A"@SEL\$11", "JL"@SEL\$1", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=5 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=1846336950  
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL\$9",  
"A"@SEL\$5", "J"@SEL\$2", "A"@SEL\$11", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=5 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=3186739620  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"J"@SEL\$2", "A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=5 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=3429333559  
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"J"@SEL\$2", "A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=5 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=2088930889  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"J"@SEL\$2", "A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1")

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=5 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)

```

```
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2576977950
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2188316883
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=5 id=1236575280
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2234998017
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2576977950
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1090508152
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=847914213
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=847914213
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 adjfac=47.9864
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```



```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2188316883
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1090508152
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```

kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1558319047
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1558319047
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=37.4015
new_est=330.68

```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2) est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2576977950
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```



```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2188316883
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=5 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1800912986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=8.84 est_nav=8.84 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2576977950
  VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
  VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```

kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1654845858
  kkoatGetPreds(enter)
  sPreds (12) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=9
  kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
  kkoatFindSampleTable (E): canSamp=1 cdn=26 maxCard=26
  kkoatFindSampleTable (JL): canSamp=0 cdn=16 maxCard=26
  kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=26
  kkoatFindSampleTable(exit): tab=E
  kkoatVerifyEst: sPreds =
("A#3"."NAME"='INSTANCE') AND ("A#3"."TASK_ID"="A#6"."ID") AND
("A#6"."ADVISOR_NAME" LIKE :B1) AND ("A#6"."NAME" LIKE :B2) AND
(BITAND("A#6"."PROPERTY",6)=4) AND ("A#6"."ID"="E#5"."TASK_ID") AND
("A#6"."ADVISOR_ID"="E#5"."ADVISOR_ID") AND
("A#6"."LAST_EXEC_NAME"="E#5"."NAME") AND
("JL#0"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="JL#0"."OWNER") AND ("A#4"."TASK_ID"="A#6"."ID") AND
("A#4"."NAME"='DAYS_TO_EXPIRE')

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1654845858
VEstatus=SUCCESS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=5 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=1412251919
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=5 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2188316883
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1654845858
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=5 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=5 id=460510316
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=460510316
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1458933053
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=37.4015
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2234998017
Vstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2234998017
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2576977950
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=5 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER

```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1090508152
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1800912986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=5 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11") est=8.84 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2576977950
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
```

```
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=7.11 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=256891728
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=256891728  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$7", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=5 id=71849249  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=71849249  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9") est=7.11 est\_nav=7.11 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new\_est=1.57  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619  
new\_est=1.57  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=5 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11") est=7.11 est\_nav=7.11 adjfac=46.5337  
new\_est=330.68  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=5 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=1846336950  
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL\$7",  
"A"@SEL\$5", "A"@SEL\$9", "A"@SEL\$11", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)

```

table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
V!status=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=5 id=1401381593
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1401381593
V!status=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER

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kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=5 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=1216339114  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9") est=0.29 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new\_est=11.00  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332  
new\_est=11.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=5 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7") est=0.24 est\_nav=0.24 adjfac=46.5337  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=5 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=2410674656  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "E"@SEL\$5") est=11.00 est\_nav=0.24 (no  
adjustment)

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
```

```

    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=2556741784
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=5 id=2410674656
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=2653268595

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```

kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2653268595

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2234998017
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1992404078
V!status=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
V!status=COSTCUTOFF estttype=JOIN prelen=5 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```



```
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
VEstatus=COSTCUTOFF estttype=JOIN prelen=5 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2234998017
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@ "SEL$5", "A"@ "SEL$11",
"A"@ "SEL$7") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@ "SEL$5", "A"@ "SEL$11",
"A"@ "SEL$7", "A"@ "SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vİstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vİstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vİstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vİstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vİstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
VEstatus=COSTCUTOFF estttype=JOIN prelen=5 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2595717135
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2595717135
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```

kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9") est=0.24 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2838311074
  kkoatGetPreds(enter)
  sPreds (12) =          nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
  kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=11
  kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=11
  kkoatFindSampleTable (E): canSamp=1 cdn=26 maxCard=26
  kkoatFindSampleTable (JL): canSamp=0 cdn=16 maxCard=26
  kkoatFindSampleTable(exit): tab=E
  kkoatVerifyEst: sPreds =
(BITAND("A#6"."PROPERTY",6)=4) AND ("A#6"."ADVISOR_NAME" LIKE :B1) AND
("A#6"."NAME" LIKE :B2) AND ("A#2"."TASK_ID"="A#6"."ID") AND
("A#2"."NAME"='DB_ID') AND ("A#4"."TASK_ID"="A#6"."ID") AND
("A#4"."NAME"='DAYS_TO_EXPIRE') AND ("A#6"."ID"="E#5"."TASK_ID") AND
("A#6"."ADVISOR_ID"="E#5"."ADVISOR_ID") AND
("A#6"."LAST_EXEC_NAME"="E#5"."NAME") AND
("JL#0"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="JL#0"."OWNER")

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2838311074
VEstatus=SUCCESS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=8.84 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3371782099
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3371782099
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```



```
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$9", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@ "SEL$7", "A"@ "SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$11", "A"@ "SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=217916377

```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=217916377  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=5 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=1216339114  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS

```
kkoatVerifyEst(enter)
pass=5 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
Vestatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
Vlstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
```



```
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1312865925
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=5 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1458933053
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustement)
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1312865925

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=256891728
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
```



```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=5 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
V!status=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
V!status=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
V!status=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
V!status=COSTCUTOFF estttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=5 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1992404078
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
Vestatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```



```
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
VEstatus=COSTCUTOFF estttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2234998017
VEstatus=COSTCUTOFF estttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=5 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=645552795
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=645552795
  VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
  est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1421617759
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1421617759
  VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2762020429
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5") est=275.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3760443166
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3760443166
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2576977950
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$9", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2430910822
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$9", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2615953301
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2615953301
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=2420040496
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2420040496
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3760443166
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3760443166
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=5 id=3614376038  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=3614376038  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"J"@SEL\$2", "A"@SEL\$11", "E"@SEL\$5", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=5 id=2234998017  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=2234998017  
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL\$5",  
"JL"@SEL\$1", "J"@SEL\$2", "A"@SEL\$11", "A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=5 id=3575400687  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=3575400687  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"J"@SEL\$2", "A"@SEL\$11", "A"@SEL\$9", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=5 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=2088930889  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"J"@SEL\$2", "A"@SEL\$11", "A"@SEL\$9", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=5 id=2273973368  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=2273973368  
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL\$5",  
"JL"@SEL\$1", "J"@SEL\$2", "A"@SEL\$11", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=5 id=3614376038  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=3614376038  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"J"@SEL\$2", "A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=5 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=2088930889  
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"J"@SEL\$2", "A"@SEL\$11", "A"@SEL\$7", "A"@SEL\$9")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new\_est=0.04  
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1619  
new\_est=0.04  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=5 id=1236575280  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=1236575280  
Vlstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"J"@SEL\$2", "A"@SEL\$9") est=221.03 est\_nav=8.84 adjfac=38.5691  
new\_est=341.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=5 id=2576977950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=2576977950  
Vlstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL\$5",  
"JL"@SEL\$1", "J"@SEL\$2", "A"@SEL\$9", "E"@SEL\$5")  
kkoatVerifyEst(exit)

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2234998017
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=217916377
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=5 id=460510316
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=460510316
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1236575280
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2576977950
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$9",
"A"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=499485667
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=499485667
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1275550631
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1275550631
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2615953301
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2615953301
VEstatus=COSTCUTOFF esttype=JOIN prelen=5 tables=("A"@SEL$7",
"A"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x00000000217D75F8
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=5 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=0.29
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027523FC0
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=5 id=645552795
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=645552795
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1421617759
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1421617759
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2762020429
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5") est=275.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2576977950
kestsacAddEstCtx(): resizing hash table to 256 entries
  kkoatGetPreds(enter)
    sPreds (13) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
  kkoatFindSampleTable (JL): canSamp=0 cdn=16 maxCard=11
  kkoatFindSampleTable (J): canSamp=0 cdn=26 maxCard=11
  kkoatFindSampleTable (E): canSamp=1 cdn=26 maxCard=26
  kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=26
  kkoatFindSampleTable(exit): tab=E
  kkoatVerifyEst: sPreds =
(BITAND("A#6"."PROPERTY",6)=4) AND ("A#6"."ADVISOR_NAME" LIKE :B1) AND
("A#6"."NAME" LIKE :B2) AND ("JL#0"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="JL#0"."OWNER") AND
("J#1"."JOB_NAME"='ADV_'||"A#6"."NAME") AND

```

```
("A#6"."OWNER_NAME"="J#1"."OWNER") AND ("A#6"."ID"="E#5"."TASK_ID") AND
("A#6"."ADVISOR_ID"="E#5"."ADVISOR_ID") AND
("A#6"."LAST_EXEC_NAME"="E#5"."NAME") AND ("A#3"."TASK_ID"="A#6"."ID")
AND ("A#3"."NAME"='INSTANCE') AND ("A#3"."VALUE"='UNUSED')
```

```
*** 2013-01-09 23:53:42.858
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2576977950
VEstatus=SUCCESS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$9") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
```

```
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
```

```
new_est=0.03
```

```
kkoatVerifyEst(enter)
```

```
pass=5 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$9", "A"@SEL$11")
```

```
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
```

```
pass=5 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$9", "A"@SEL$11", "A"@SEL$7")
```

```
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
```

```
pass=5 id=2430910822
```

```

kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$9", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$9", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3760443166
kkoatGetPreds(enter)
sPreds (12) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
kkoatFindSampleTable (JL): canSamp=0 cdn=16 maxCard=11
kkoatFindSampleTable (J): canSamp=0 cdn=26 maxCard=11
kkoatFindSampleTable (E): canSamp=1 cdn=26 maxCard=26
kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=26
kkoatFindSampleTable(exit): tab=E
kkoatVerifyEst: sPreds =
(BITAND("A#6"."PROPERTY",6)=4) AND ("A#6"."ADVISOR_NAME" LIKE :B1) AND
("A#6"."NAME" LIKE :B2) AND ("JL#0"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="JL#0"."OWNER") AND
("J#1"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="J#1"."OWNER") AND ("A#6"."ID"="E#5"."TASK_ID") AND
("A#6"."ADVISOR_ID"="E#5"."ADVISOR_ID") AND
("A#6"."LAST_EXEC_NAME"="E#5"."NAME") AND ("A#2"."TASK_ID"="A#6"."ID")
AND ("A#2"."NAME"='DB_ID')
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3760443166
VEstatus=SUCCESS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=11.00 est_nav=11.00 (no
adjustment)

```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```

kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2615953301
  kkoatGetPreds(enter)
  sPreds (12) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
  kkoatFindSampleTable (JL): canSamp=0 cdn=16 maxCard=11
  kkoatFindSampleTable (J): canSamp=0 cdn=26 maxCard=11
  kkoatFindSampleTable (E): canSamp=1 cdn=26 maxCard=26
  kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=26
  kkoatFindSampleTable(exit): tab=E
  kkoatVerifyEst: sPreds =
(BITAND("A#6"."PROPERTY",6)=4) AND ("A#6"."ADVISOR_NAME" LIKE :B1) AND
("A#6"."NAME" LIKE :B2) AND ("JL#0"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="JL#0"."OWNER") AND
("J#1"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="J#1"."OWNER") AND ("A#6"."ID"="E#5"."TASK_ID") AND
("A#6"."ADVISOR_ID"="E#5"."ADVISOR_ID") AND
("A#6"."LAST_EXEC_NAME"="E#5"."NAME") AND ("A#4"."TASK_ID"="A#6"."ID")
AND ("A#4"."NAME"='DAYS_TO_EXPIRE')

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  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2615953301
VEstatus=SUCCESS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)

```



```
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1619
new_est=0.04
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1236575280
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1236575280
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9") est=7.13 est_nav=0.29 adjfac=38.5691
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2576977950
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.29
adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
```

```

pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=2234998017
kkoatGetPreds(enter)
sPreds (12) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
kkoatFindSampleTable (JL): canSamp=0 cdn=16 maxCard=11
kkoatFindSampleTable (J): canSamp=0 cdn=26 maxCard=11
kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=11
kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=11
kkoatFindSampleTable(exit): tab=A
kkoatVerifyEst: sPreds =
(BITAND("A#6"."PROPERTY",6)=4) AND ("A#6"."ADVISOR_NAME" LIKE :B1) AND
("A#6"."NAME" LIKE :B2) AND ("JL#0"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="JL#0"."OWNER") AND
("J#1"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="J#1"."OWNER") AND ("A#3"."TASK_ID"="A#6"."ID") AND
("A#3"."NAME"='INSTANCE') AND ("A#3"."VALUE"='UNUSED') AND
("A#2"."TASK_ID"="A#6"."ID") AND ("A#2"."NAME"='DB_ID')
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2234998017
VEstatus=SUCCESS estttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$11") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)

```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1090508152
kkoatGetPreds(enter)
sPreds (12) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11

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```

kkoatFindSampleTable (JL): canSamp=0 cdn=16 maxCard=11
kkoatFindSampleTable (J): canSamp=0 cdn=26 maxCard=11
kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=11
kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=11
kkoatFindSampleTable(exit): tab=A
kkoatVerifyEst: sPreds =
(BITAND("A#6"."PROPERTY",6)=4) AND ("A#6"."ADVISOR_NAME" LIKE :B1) AND
("A#6"."NAME" LIKE :B2) AND ("JL#0"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="JL#0"."OWNER") AND
("J#1"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="J#1"."OWNER") AND ("A#3"."TASK_ID"="A#6"."ID") AND
("A#3"."NAME"='INSTANCE') AND ("A#3"."VALUE"='UNUSED') AND
("A#4"."TASK_ID"="A#6"."ID") AND ("A#4"."NAME"='DAYS_TO_EXPIRE')
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1090508152
VEstatus=SUCCESS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$7") est=8.84 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=2088930889

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```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=5 id=2420040496
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2420040496
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3760443166
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3760443166
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=275.00 est_nav=11.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$9") est=7.13 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2273973368
  kkoatGetPreds(enter)
    sPreds (11) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
  kkoatFindSampleTable (JL): canSamp=0 cdn=16 maxCard=11
  kkoatFindSampleTable (J): canSamp=0 cdn=26 maxCard=11
  kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=11
  kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=11
  kkoatFindSampleTable(exit): tab=A
  kkoatVerifyEst: sPreds =
(BITAND("A#6"."PROPERTY",6)=4) AND ("A#6"."ADVISOR_NAME" LIKE :B1) AND
("A#6"."NAME" LIKE :B2) AND ("JL#0"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="JL#0"."OWNER") AND
("J#1"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="J#1"."OWNER") AND ("A#2"."TASK_ID"="A#6"."ID") AND
("A#2"."NAME"='DB_ID') AND ("A#4"."TASK_ID"="A#6"."ID") AND
("A#4"."NAME"='DAYS_TO_EXPIRE')

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```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2273973368
VEstatus=SUCCESS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=221.03 est_nav=8.84
adjfac=1.2442 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=5 id=3614376038
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
  pass=5 id=2088930889
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "A"@SEL$9")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1619
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1275550631
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1275550631
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2615953301
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2615953301
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=221.03 est_nav=8.84 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1090508152
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$9") est=5.73 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$9", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=2273973368
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2273973368
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=221.03 est_nav=8.84
adjfac=1.2442 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1985955465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1985955465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5") est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2762020429
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2762020429
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
  pass=5 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2576977950
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
  pass=5 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3760443166
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3760443166
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=11.00 est_nav=11.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3614376038
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=5 id=2615953301
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2615953301
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=8.84 est_nav=8.84 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1800912986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "J"@SEL$2") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "J"@SEL$2", "A"@SEL$11")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$11") est=0.29 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1654845858
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$7") est=0.23 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
```

```
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=2984378202
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2984378202
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11") est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3760443166
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3760443166
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=11.00 est_nav=11.00 (no
adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3614376038
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9") est=0.29 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=460510316
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=460510316
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2576977950
V!status=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5") est=11.00 est_nav=0.29
adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
V!status=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
V!status=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")

```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5",
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=499485667
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=499485667
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1275550631
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1275550631
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2615953301
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2615953301
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5") est=8.84 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
  pass=5 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$9")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
  pass=5 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3614376038
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
  pass=5 id=1401381593
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=1401381593  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$5", "A"@SEL\$11")  
est=11.00 est\_nav=11.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=5 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=1216339114  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9") est=0.29 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new\_est=11.00  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332  
new\_est=11.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=5 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7") est=0.23 est\_nav=0.23 adjfac=46.5337  
new\_est=10.67  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=217916377
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=5 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=5 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
```



```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=10.67
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.57 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=71849249
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=5 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
```

```
"A"@SEL$9", "A"@SEL$11") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
```

kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=5 id=217916377  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=217916377  
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
est=0.29 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=5 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=1216339114  
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11") est=0.29 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=10.67
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.57 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=256891728
  VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
  new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
  VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=71849249
  VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=645552795
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=645552795
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1985955465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1985955465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5") est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=5 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9", "A"@SEL$7")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=460510316
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=460510316
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1800912986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2576977950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=499485667
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=499485667
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1839888337
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1839888337
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2615953301
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2615953301
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=8.84 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1654845858
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9") est=0.23 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027523FC0
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=5 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=402958856
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1340402670
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=4148900168
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=0.29
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027523FC0
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.29 est_nav=0.29 adjfac=46.5337
new_est=13.71
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=13.71 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
Vstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
Vstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=13.71 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```



```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1846336950
  kkoatGetPreds(enter)
    sPreds (12) =          nsPreds (0) =      kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
```

```

kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=1
kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=11
kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=11
kkoatFindSampleTable (J): canSamp=0 cdn=26 maxCard=11
kkoatFindSampleTable(exit): tab=A
kkoatVerifyEst: sPreds =
("A#3"."NAME"='INSTANCE') AND ("A#3"."VALUE"=TO_CHAR(:B1)) AND
("A#3"."TASK_ID"="A#6"."ID") AND ("A#6"."ADVISOR_NAME" LIKE :B2) AND
("A#6"."NAME" LIKE :B3) AND (BITAND("A#6"."PROPERTY",6)=4) AND
("A#2"."TASK_ID"="A#6"."ID") AND ("A#2"."NAME"='DB_ID') AND
("A#4"."TASK_ID"="A#6"."ID") AND ("A#4"."NAME"='DAYS_TO_EXPIRE') AND
("J#1"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="J#1"."OWNER")
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
VEstatus=SUCCESS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=13.71 est_nav=0.29
adjfac=3.3930 new_est=1.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")

```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.23 est_nav=0.23 adjfac=37.4015
new_est=8.73
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=11.02 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=8.73 est_nav=0.23 (no
adjustment)
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3332806748
  kkoatGetPreds(enter)
    sPreds (13) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=1
  kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
  kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=11
  kkoatFindSampleTable (E): canSamp=1 cdn=26 maxCard=26
  kkoatFindSampleTable (J): canSamp=0 cdn=26 maxCard=26
  kkoatFindSampleTable(exit): tab=E

```

```

kkoatVerifyEst: sPreds =
("A#3"."NAME"='INSTANCE') AND ("A#3"."VALUE"=TO_CHAR(:B1)) AND
("A#3"."TASK_ID"="A#6"."ID") AND ("A#6"."ADVISOR_NAME" LIKE :B2) AND
("A#6"."NAME" LIKE :B3) AND (BITAND("A#6"."PROPERTY",6)=4) AND
("A#2"."TASK_ID"="A#6"."ID") AND ("A#2"."NAME"='DB_ID') AND
("A#6"."ID"="E#5"."TASK_ID") AND ("A#6"."ADVISOR_ID"="E#5"."ADVISOR_ID")
AND ("A#6"."LAST_EXEC_NAME"="E#5"."NAME") AND
("J#1"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="J#1"."OWNER")
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
VEstatus=SUCCESS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=8.73 est_nav=0.23
adjfac=4.2855 new_est=1.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3429333559

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1") est=0.23 est_nav=0.23 adjfac=37.4015
new_est=8.73
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=11.02 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=8.73 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=8.73 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1992404078
  VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2") est=0.23 est_nav=0.23 adjfac=38.5691
  new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
  VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=11.37 est_nav=0.29
  adjfac=3.3930 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
  VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=9.00 est_nav=0.23
adjfac=4.2855 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=9.00 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11") est=0.19 est_nav=0.19 adjfac=46.5337
new_est=8.73
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5") est=8.73 est_nav=0.19 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=8.73 est_nav=0.19 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1846336950
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=1846336950  
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "A"@SEL\$11", "J"@SEL\$2") est=8.73 est\_nav=0.19  
adjfac=3.3930 new\_est=0.64  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=5 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=3186739620  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "A"@SEL\$11", "J"@SEL\$2", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=5 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "A"@SEL\$11", "J"@SEL\$2", "E"@SEL\$5", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=5 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=2088930889  
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "A"@SEL\$11", "J"@SEL\$2", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)



```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
V!status=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1412251919
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1412251919
V!status=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=5 id=2410674656
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=0.19 est_nav=0.19 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=5 id=2653268595
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
        pass=5 id=3429333559
        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
      kkoatVerifyEst(exit)
        kkoatVerifyEst(enter)
          pass=5 id=3186739620
          kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
        kkoatVerifyEst(exit)
          kkoatVerifyEst(enter)
            pass=5 id=3429333559
            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
          kkoatVerifyEst(exit)
            kkoatVerifyEst(enter)
              pass=5 id=1654845858
              kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=0.23 est_nav=0.23 (no
adjustement)
            kkoatVerifyEst(exit)
              kkoatVerifyIdxAcc(enter)
                table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
              kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
              kkoatVerifyIdxAcc(enter)
                table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
              kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
            kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
            kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
          kkoatVerifyEst(enter)
            pass=5 id=2653268595
```

```

kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2188316883
kkoatGetPreds(enter)
sPreds (13) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=1
kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=11
kkoatFindSampleTable (E): canSamp=1 cdn=26 maxCard=26
kkoatFindSampleTable (J): canSamp=0 cdn=26 maxCard=26
kkoatFindSampleTable(exit): tab=E
kkoatVerifyEst: sPreds =
("A#3"."NAME"='INSTANCE') AND ("A#3"."VALUE"=TO_CHAR(:B1)) AND
("A#3"."TASK_ID"="A#6"."ID") AND ("A#6"."ADVISOR_NAME" LIKE :B2) AND
("A#6"."NAME" LIKE :B3) AND (BITAND("A#6"."PROPERTY",6)=4) AND
("A#4"."TASK_ID"="A#6"."ID") AND ("A#4"."NAME"='DAYS_TO_EXPIRE') AND
("A#6"."ID"="E#5"."TASK_ID") AND ("A#6"."ADVISOR_ID"="E#5"."ADVISOR_ID")
AND ("A#6"."LAST_EXEC_NAME"="E#5"."NAME") AND
("J#1"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="J#1"."OWNER")

```

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```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2188316883
VEstatus=SUCCESS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=0.23 est_nav=0.23 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=5 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=5 id=314443188
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=314443188
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1") est=0.23 est_nav=0.23 (no adjustement)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=0.19 est_nav=0.19 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1654845858
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=0.23 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1090508152
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=0.23 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2430910822
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=847914213
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=847914213
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2") est=0.23 est_nav=0.23 adjfac=47.9864
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=9.00 est_nav=0.19
adjfac=3.3930 new_est=0.64
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2188316883
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=11.00 est_nav=0.23 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
Vstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1090508152
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=11.00 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1558319047
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1558319047
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=0.23 est_nav=0.23 adjfac=37.4015
new_est=8.73
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=11.02 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=8.73 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=5 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=8.73 est_nav=0.23
adjfac=4.2855 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1412251919
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1412251919
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=0.19 est_nav=0.19 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
Vstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```



```
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1654845858
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=0.23 est_nav=0.23 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=0.23 est_nav=0.23 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=71849249
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=0.19 est_nav=0.19 adjfac=46.5337
new_est=8.73
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=8.73 est_nav=0.19 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1401381593
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=9.00 est_nav=9.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=2.57 est_nav=2.57 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=5 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=3.24 est_nav=3.24 adjfac=46.5337
new_est=150.86
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=150.86 est_nav=3.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=5 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.29 est_nav=0.29 adjfac=46.5337
new_est=13.71
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=13.71 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=7.23 est_nav=7.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=2.06 est_nav=2.06 adjfac=46.5337
new_est=96.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=96.00 est_nav=2.06 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.29 est_nav=0.29 adjfac=46.5337
new_est=13.71
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=13.71 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$11", "A"@ "SEL$7", "JL"@ "SEL$1", "E"@ "SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$11", "A"@ "SEL$7", "JL"@ "SEL$1", "E"@ "SEL$5", "J"@ "SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=256891728
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@ "SEL$7", "A"@ "SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=4.9481
new_est=1.22
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=0.19 est_nav=0.19 adjfac=46.5337
new_est=8.73
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1") est=8.73 est_nav=0.19 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=645552795
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=645552795
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1985955465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1985955465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5") est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2762020429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3760443166
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3760443166
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=9.00 est_nav=9.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@ "SEL$9", "A"@ "SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=460510316
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=460510316
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"JL"@ "SEL$1") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=5 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1800912986
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2576977950
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=256891728
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=499485667
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=499485667
VEstatus=EXISTS estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=1839888337
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1839888337
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2615953301
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2615953301
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=8.84 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1654845858
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9") est=0.23 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027523FC0
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=6 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=6 id=776064964
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=6 id=242593939
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000022FB7518
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=6 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=6 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000022FB7518
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000022FB7518
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000022FB7518
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A500
kkoatSetupQbCtx(exit): passNum=6 qbcDone=no atDone=no
pass=6 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
    kkoatVerifyEst(enter)
    pass=6 id=1340402670
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
    kkoatVerifyEst(enter)
    pass=6 id=4109924817
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=6 id=998422737
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=6 id=776064964
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=6 id=242593939
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000022FB7518
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyEst(enter)
    pass=6 id=96526811
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=6 id=872591775
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1871014512
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2250309739
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
VEstatus=TABESTMISS esttpe=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttpe=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1094949548
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1094949548
VEstatus=SIMPJOIN esttpe=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=629997836
VEstatus=CARTPROD esttpe=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=872591775
VEstatus=SIMPJOIN esttpe=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=TABESTMISS esttpe=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=3211417182
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=1871014512
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS

```

```
kkoatVerifyEst(enter)
pass=6 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2968823243
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
```



```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2192758279
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2435352218
Vestatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=6 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2007715800
```



```
kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=6 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=6 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=6 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x000000002172C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=6 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=6 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1871014512
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=J index=SCHEMATA$JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMATA$JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEMATA$JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMATA$JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12,
"JO"@SEL$12, "DI"@SEL$30, "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12,
"JO"@SEL$12, "DI"@SEL$30, "J"@SEL$12, "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12,
"JO"@SEL$12, "DI"@SEL$30, "J"@SEL$12, "DI2"@SEL$30, "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12,
"JO"@SEL$12, "DI"@SEL$30, "J"@SEL$12, "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12,
"JO"@SEL$12, "DI"@SEL$30, "J"@SEL$12, "CO"@SEL$12, "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```



```
table=J index=SCHEMATA$JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMATA$JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEMATA$JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMATA$JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2192758279
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2192758279
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2435352218
Vestatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2007715800
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2192758279
VEstatus=TABESTMISS estt!pe=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2435352218
VEstatus=SIMPJOIN estt!pe=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS estt!pe=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS estt!pe=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
VEstatus=TABESTMISS estt!pe=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS estt!pe=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2968823243
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2250309739
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x000000002172C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F18840
  kkoatSetupQbCtx(exit): passNum=6 qbcDone=yes atDone=no
  pass=6 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=6 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=6 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000022FB7518
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyEst(enter)
pass=6 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=6 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
    pass=6 id=687549296
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
      kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
      kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
      kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
      kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
      kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
      kkoatVerifyEst(enter)
    pass=6 id=1685972033
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
    pass=6 id=4206451628
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
    pass=6 id=591022485
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
    pass=6 id=444955357
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
      kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
      kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
      kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
      kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
      kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
      kkoatVerifyEst(enter)
    pass=6 id=1443378094
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=6 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=6 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=6 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000022FB7518
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=6 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=6 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyEst(enter)
pass=6 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31") est=27.53
est_nav=27.53 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000216A4028
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
pass=6 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
```



```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=4206451628
Vlstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=591022485
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"L"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=444955357
Vlstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "LO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=6 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
```

```
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=591022485
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=444955357
Vlstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1443378094
Vlstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN

```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=57551460
```



```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000216A4028
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=5 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=4148900168
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
    kkoatVerifyEst(enter)
  pass=5 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
    kkoatVerifyEst(enter)
  pass=5 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000022FB7518
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=5 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1558319047
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1558319047
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1412251919
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2188316883
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2334384011
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84
adjfac=38.5691 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=5 id=3332806748
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
    VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
    "E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=8.84 est_nav=8.84
    adjfac=4.2855 new_est=37.89
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
        table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
        kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
        kkoatVerifyIdxAcc(enter)
          table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
          kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
          type=FILTER
          kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
          Vistatus=success est=0.25 (no adjustment)
          kkoatVerifyEst(enter)
            pass=5 id=3186739620
            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
            VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
            "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
            kkoatVerifyEst(exit)
              kkoatVerifyEst(enter)
                pass=5 id=3429333559
                kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
                VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
                "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
                kkoatVerifyEst(exit)
                  kkoatVerifyEst(enter)
                    pass=5 id=3575400687
                    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
                    VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
                    "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
                    kkoatVerifyEst(exit)
                      kkoatVerifyEst(enter)
                        pass=5 id=1800912986
                        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1800912986
                        VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
                        "E"@SEL$5", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
                        kkoatVerifyEst(exit)
                          kkoatVerifyIdxAcc(enter)
                            table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
                            kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
                            kkoatVerifyIdxAcc(enter)
                              table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
                              kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
                              type=FILTER
                              kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
                              Vistatus=success est=0.25 (no adjustment)
                              kkoatVerifyEst(enter)
                                pass=5 id=1654845858
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2576977950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=8.84 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2556741784
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=37.4015
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
Vstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
Vstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1412251919
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2188316883
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")

```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
```

```
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=847914213
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=7.11 est_nav=7.11 (no
adjustement)
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1090508152
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=7.11 est_nav=7.11
adjfac=3.3930 new_est=24.11
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$7", "J"@ "SEL$2", "A"@ "SEL$11", "E"@ "SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$7", "J"@ "SEL$2", "A"@ "SEL$11", "E"@ "SEL$5", "JL"@ "SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$7", "J"@ "SEL$2", "A"@ "SEL$11", "JL"@ "SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=314443188
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=314443188
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$7", "JL"@ "SEL$1") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
```

```

kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$!_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
  kkoatVerifyEst(enter)
  pass=5 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1654845858
V!status=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=7.11 est_nav=7.11 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
V!status=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$!_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$!_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$!_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
V!status=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1090508152
V!status=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$!_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$!_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$!_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03

```

```
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=993981341
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
```

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"J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=274.08 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1) est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=341.00 est_nav=8.84
adjfac=4.2855 new_est=37.89
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=847914213
Vlstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 adjfac=47.9864
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=341.00 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1090508152
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=341.00 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=1846336950
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=1846336950  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"J"@SEL\$2", "A"@SEL\$7", "A"@SEL\$11") est=341.00 est\_nav=7.11  
adjfac=3.3930 new\_est=24.11  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=5 id=256891728  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=256891728  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$7", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=5 id=71849249  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=71849249  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9") est=7.11 est\_nav=7.11 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=FILTER

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1412251919
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2188316883
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)

```

```
pass=5 id=1401381593
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1401381593
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```



```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7") est=0.24 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
V!status=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
V!status=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
V!status=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=5 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

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table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)

```

```

table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=217916377
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN

```



```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
    kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
    kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
```

"A"@SEL\$9", "A"@SEL\$11", "E"@SEL\$5") est=11.00 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=5 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=3186739620  
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL\$7", "A"@SEL\$5", "A"@SEL\$9", "A"@SEL\$11", "E"@SEL\$5", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK type=SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_IDX\_02 type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=5 id=217916377  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=217916377  
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=5 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=1216339114  
VEstatus=EXISTS estttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5", "A"@SEL\$11") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK type=SCAN

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")

```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=5 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
```



```
kkoatVerifyEst(enter)
pass=5 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=5 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1179023820
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1421617759
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1421617759
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2519426490
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2762020429
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1") est=275.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=5 id=3517849227
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3517849227
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1619
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2334384011
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9") est=221.03 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2373359362
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2373359362
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=101.2118 new_est=25.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=101.2118
new_est=25.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=5 id=2177446557
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2177446557
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=5 id=2420040496
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2420040496
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1") est=275.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3517849227
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5") est=275.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
```

```
pass=5 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9") est=7.35 est_nav=0.29 adjfac=38.5691
new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2031379429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2031379429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=993981341
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1236575280
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1032956692
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1032956692
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1275550631
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1275550631
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000022FB7518
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=6 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=6 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=6 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000027176AE8
```

```
kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V1status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V1status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=6 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000027176AE8
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=242593939
```

```
kkoatVerifyEst: complete, qbName=SEL$52271521 pass=6 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21") est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x00000000278B6BA0
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x00000000278B6BA0
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
  pass=6 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$44902B2C pass=6 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x00000000278B6750
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x00000000278B6750
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
  pass=6 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x00000000277C6D28
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyEst(enter)
  pass=6 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x00000000277C6D28
  kkoatSaveJoinOrder(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x00000000277C6D28
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x00000000277C6D28
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=6 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=6 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=6 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30)
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027BDC058
kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=6 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=J index=SCHEMATA$JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMATA$JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEMATA$JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMATA$JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=6 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=872591775
```



kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=6 id=872591775  
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "DI2"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ1  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ2 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ2  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ2 estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=SYS\_ALIAS\_2 index=I\_OBJ2  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ4 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ4  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=6 id=2212994445  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=6 id=2212994445  
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "DI2"@SEL\$30", "JO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=6 id=3211417182  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=6 id=3211417182  
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "DI2"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=6 id=3026374703

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3211417182
```

kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=6 id=3211417182  
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "JO"@SEL\$12", "DI2"@SEL\$30", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=6 id=3026374703  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=6 id=3026374703  
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "JO"@SEL\$12", "DI2"@SEL\$30", "J"@SEL\$12", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=6 id=2968823243  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=6 id=2968823243  
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=3211417182  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=6 id=3211417182  
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12", "DI2"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=6 id=3026374703  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=6 id=3026374703  
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12", "DI2"@SEL\$30", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=6 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2007715800
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027BDC058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=6 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=6 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
```

```
kkoatVerifyEst(enter)
pass=6 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027344028
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=6 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEДУLER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEДУLER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEДУLER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEДУLER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEДУLER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEДУLER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEДУLER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1194335542
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=6 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2212994445
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=2783780764
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=2192758279
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=2435352218
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
    kkoatVerifyEst(exit)

```

```
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```



```
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=6 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1436929481
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=852355609
```





```
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
pass=6 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyEst(enter)
pass=6 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027344028
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyEst(enter)
pass=6 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=6 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=6 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=4206451628
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
  new_est=22.09
  kkoatVerifyEst(enter)
  pass=6 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=6 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027344028
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=6 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=6 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
kkoatVerifyEst(enter)
pass=6 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31") est=27.53
est_nav=27.53 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027938040
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
kkoatVerifyEst(enter)
pass=6 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1443378094
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1685972033
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
```



```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=57551460
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=687549296
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=57551460
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027938040
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=5 id=402958856
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=998422737
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027272C40
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1401381593
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1992404078
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7") est=0.24 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2234998017
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1") est=0.29 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=5 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=2653268595  
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new\_est=11.00  
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=44.5332  
new\_est=11.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=5 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=1070271986  
Vlstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7") est=0.24 est\_nav=0.24 adjfac=46.5337  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=5 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=1846336950  
Vlstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS



```
kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

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table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vīstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vīstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vīstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vīstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vīstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vīstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vīstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3575400687

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2177446557
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2177446557
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1992404078
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=1992404078  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"J"@SEL\$2", "A"@SEL\$9") est=0.29 est\_nav=0.29 adjfac=38.5691  
new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=5 id=3517849227  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=3517849227  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"J"@SEL\$2", "E"@SEL\$5") est=11.00 est\_nav=11.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)

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    kkoatVerifyEst(enter)
    pass=5 id=2031379429
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2031379429
    VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
    "J"@SEL$2", "A"@SEL$7") est=8.84 est_nav=8.84 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=5 id=2420040496
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2420040496
    VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
    "J"@SEL$2", "JL"@SEL$1") est=11.00 est_nav=11.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
    table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
    type=SCAN
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
    table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
    type=FILTER
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
    table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
    type=SCAN
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
    table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
    type=FILTER
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
    table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
    type=SCAN
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
    table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
    type=FILTER
    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=5 id=2741784263
    kkoatGetPreds(enter)
    sPreds (8) = nsPreds (0) = kkoatGetPreds(exit)
    kkoatFindSampleTable(enter)
    kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
    kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=11
    kkoatFindSampleTable (E): canSamp=1 cdn=26 maxCard=26
    kkoatFindSampleTable(exit): tab=E
    kkoatVerifyEst: sPreds =
    (BITAND("A#6"."PROPERTY",6)=4) AND ("A#6"."ADVISOR_NAME" LIKE :B1) AND
    ("A#6"."NAME" LIKE :B2) AND ("A#2"."TASK_ID"="A#6"."ID") AND

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("A#2"."NAME"='DB_ID') AND ("A#6"."ID"="E#5"."TASK_ID") AND
("A#6"."ADVISOR_ID"="E#5"."ADVISOR_ID") AND
("A#6"."LAST_EXEC_NAME"="E#5"."NAME")
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2741784263
VEstatus=SUCCESS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5") est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
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```
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3517849227
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3517849227
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2595717135
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```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2595717135
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
      pass=5 id=2410674656
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$9") est=0.24 est_nav=0.24 (no
adjustment)
      kkoatVerifyEst(exit)
        kkoatVerifyEst(enter)
          pass=5 id=3186739620
          kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$9", "J"@SEL$2")
          kkoatVerifyEst(exit)
            kkoatVerifyEst(enter)
              pass=5 id=3429333559
              kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
              kkoatVerifyEst(exit)
                kkoatVerifyEst(enter)
                  pass=5 id=2653268595
                  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$9", "JL"@SEL$1")
                  kkoatVerifyEst(exit)
                    kkoatVerifyEst(enter)
                      pass=5 id=3371782099
                      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3371782099
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
                      kkoatVerifyEst(exit)
                        kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
      kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
        kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
      kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
      kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
        kkoatVerifyEst(enter)
```



```
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2838311074
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2838311074
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84 est_nav=8.84 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3614376038
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2984378202
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2984378202
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=5 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$9") est=0.29 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3760443166
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3760443166
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2838311074
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2838311074
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
```

```
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3614376038
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=5 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
```

"A"@SEL\$7", "A"@SEL\$9", "JL"@SEL\$1") est=11.00 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=5 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=2088930889  
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7", "A"@SEL\$9", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=5 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=2653268595  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7", "A"@SEL\$9", "JL"@SEL\$1", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=5 id=2031379429  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=2031379429  
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=5 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=1846336950  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7", "J"@SEL\$2", "A"@SEL\$9") est=0.24 est\_nav=0.24  
adjfac=3.3930 new\_est=0.80

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3371782099
  kkoatGetPreds(enter)
    sPreds (10) =          nsPreds (0) =    kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
  kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=11
  kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=11
  kkoatFindSampleTable (J): canSamp=0 cdn=2 maxCard=11
  kkoatFindSampleTable (E): canSamp=1 cdn=26 maxCard=26
  kkoatFindSampleTable(exit): tab=E
kkoatVerifyEst: sPreds =
(BITAND("A#6"."PROPERTY",6)=4) AND ("A#6"."ADVISOR_NAME" LIKE :B1) AND
("A#6"."NAME" LIKE :B2) AND ("A#2"."TASK_ID"="A#6"."ID") AND
("A#2"."NAME"='DB_ID') AND ("A#4"."TASK_ID"="A#6"."ID") AND
("A#4"."NAME"='DAYS TO EXPIRE') AND ("A#6"."ID"="E#5"."TASK_ID") AND
("A#6"."ADVISOR_ID"="E#5"."ADVISOR_ID") AND
("A#6"."LAST_EXEC_NAME"="E#5"."NAME")
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3371782099
VEstatus=SUCCESS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5) est=8.84 est_nav=8.84
adjfac=31.1041 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=    kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=3186739620

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```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3614376038
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2273973368
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2273973368
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84
adjfac=1.2442 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2595717135
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2595717135
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9") est=0.24 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
```



```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=5 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1992404078
Vestatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1401381593
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
Vlstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
Vlstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
Vlstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
Vlstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3332806748
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7") est=0.24 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=5 id=1216339114
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1216339114
    VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
        table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
        kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
        kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
        kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
      kkoatVerifyIdxAcc(enter)
        table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
        kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
        kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
        kkoatVerifyEst(enter)
          pass=5 id=1070271986
          kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
          VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
          kkoatVerifyEst(exit)
            kkoatVerifyIdxAcc(enter)
              table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
              kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
              kkoatVerifyIdxAcc(enter)
                table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
                kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                kkoatVerifyIdxAcc(enter)
                  table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
                  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                  kkoatVerifyIdxAcc(enter)
                    table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
                    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                    kkoatVerifyIdxAcc(enter)
                      table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
                      kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                      kkoatVerifyIdxAcc(enter)
                        table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
                        kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                        kkoatVerifyEst(enter)
                          pass=5 id=2410674656
                          kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
                          VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
                        kkoatVerifyEst(exit)
                          kkoatVerifyEst(enter)
```

```
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=256891728
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1255314465
VEstatus=EXISTS estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2799335723
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=5 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
  pass=5 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=256891728
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=256891728  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$7", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=5 id=71849249  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=71849249  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9") est=7.11 est\_nav=7.11 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new\_est=1.57  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619  
new\_est=1.57  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=5 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11") est=7.11 est\_nav=7.11 adjfac=46.5337  
new\_est=330.68  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)

```
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
V!status=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
V!status=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=217916377
V!status=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1216339114
  VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2556741784
  VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccDerive(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccDerive(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```



```
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
```

```
pass=5 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1421617759
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1421617759
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2519426490
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1") est=275.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=5 id=3517849227

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```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1619
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9") est=221.03 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2373359362
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2373359362
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=101.2118 new_est=25.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=101.2118
new_est=25.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=5 id=2177446557
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2177446557
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=5 id=2420040496
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2420040496
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1") est=275.00 est_nav=11.00 (no adjustment)
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
      kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
      kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
      kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
      kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
      kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
      kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
      kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
      kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
      kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
      kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
      kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
      kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
      kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
      kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
      kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
      kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
      kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
      kkoatVerifyEst(enter)
      pass=5 id=3517849227
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5") est=275.00 est_nav=11.00 (no adjustment)
      kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1992404078
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9") est=7.35 est_nav=0.29 adjfac=38.5691
new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2031379429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2031379429
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=217916377
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1032956692
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1032956692
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1275550631
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1275550631
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x000000016E8AB58
joP=0x0000000027272C40
  kkoatSaveJoinOrder(exit)
  kkoatInitCtx(enter): ctxP=0x000007FF0D1B6078 roundNum=6
```

```
kkoatInitCtx(exit): timeSlice=3260
  kkoatVerifyEst(enter)
pass=6 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=6 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=6 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000027427FD8
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=6 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000027427FD8
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E56EAB0
  kkoatStatsCollectTab(enter): froP=0x0000000016EBD378
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EBD378
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016EBD678
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17680 froP=0x0000000016EBD678
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
  kkoatVerifyEst(exit)
```



```

kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E56FA00
kkoatStatsCollectTab(enter): froP=0x0000000016EC79E0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EC79E0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016EC7DA8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17680 froP=0x0000000016EC7DA8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E599C18
kkoatStatsCollectTab: skip fro=000000001E599C18
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$19 pass=6 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("WM"@SEL$19) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER

```

```
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AE78
jop=0x0000000027427FD8
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AE78
jop=0x0000000027427FD8
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E52D4A0
    kkoatStatsCollectTab(enter): froP=0x000000001E52D118
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17780 froP=0x000000001E52D118
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
    kkoatVerifyEst(enter)
pass=6 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U"@SEL$18")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyEst(enter)
pass=6 id=2113250766
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2113250766
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("W"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=1593508212
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1593508212
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WG"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=598302687
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=598302687
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=402958856
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMU"@SEL$17")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=6 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=998422737
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtXP=0x0000000012F1AFA8
joP=0x0000000027427FD8
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1018658903
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3182536200
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3585495056
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3585495056
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17", "CMU"@SEL$17"
)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=3367578679
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3367578679
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=3182536200
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=3036469072

```



```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2519426490
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1018658903
Vestatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2017081640
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=4130332406
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=4130332406
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1696066402
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```



```

kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)

```

```

table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER

```

```
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2519426490
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1374367651
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1374367651
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2967875863
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2967875863
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=786159333
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=786159333
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1784582070
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1784582070
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "D"@SEL$17",
"WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2017081640
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=4130332406
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=6 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1842133530
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=6 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=6 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x0000000027427FD8
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E519A48
kkoatStatsCollectTab(enter): froP=0x000000001E52E778
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E52E778
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E52EA68
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E52EA68
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E52ED60
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17968 froP=0x000000001E52ED60
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E5134F0
```

```
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E5134F0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E5137E0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E5137E0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E513C48
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E513C48
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E513F38
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E513F38
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E514538
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E514538
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E514838
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17780 froP=0x000000001E514838
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E514BA8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17A68 froP=0x000000001E514BA8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=6 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=6 id=776064964
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("D"@SEL$15")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
jopP=0x0000000027427FD8
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=6 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=6 id=1018658903
VEstatus=NOROWS estttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
jopP=0x0000000027427FD8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=6 id=776064964
```



```
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=6 id=776064964
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("D"@SEL$15")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000278266D0
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyEst(enter)
  pass=6 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=6 id=1018658903
VEstatus=NOROWS estttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000278266D0
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E4F8178
    kkoatStatsCollectTab(enter): froP=0x000000001E519ED8
  kkoatStatsCollectTab: skip fro=000000001E519ED8
    kkoatStatsCollectTab(enter): froP=0x000000001E51A2F0
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001E51A2F0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
    kkoatVerifyEst(enter)
  pass=6 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=4109924817
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("U"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=6 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=998422737
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("O"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=6 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=776064964
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=6 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=242593939
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("AO"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x000000002745C058
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=1018658903
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("D"@SEL$26", "AO"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=6 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=2017081640
VEstatus=EXISTS estttype=JOIN prelen=3 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=1832039161
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=833616424
```

kkoatVerifyEst: complete, qbName=SEL\$1C34B9A1 pass=6 id=833616424  
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL\$26",  
"AO"@SEL\$26", "U"@SEL\$26")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=O index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=O index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=O index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=O index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyEst(enter)  
pass=6 id=1774487701  
kkoatVerifyEst: complete, qbName=SEL\$1C34B9A1 pass=6 id=1774487701  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL\$26", "O"@SEL\$26")  
est=0.02 est\_nav=0.02 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=AO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=AO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=AO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=AO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyEst(enter)  
pass=6 id=2017081640  
kkoatVerifyEst: complete, qbName=SEL\$1C34B9A1 pass=6 id=2017081640  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL\$26", "O"@SEL\$26",  
"AO"@SEL\$26") est=0.02 est\_nav=0.02 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER# estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=U index=I\_USER# type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER# estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=U index=I\_USER# type=FILTER  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER2 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=U index=I\_USER2 type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER2 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=U index=I\_USER2 type=FILTER

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=6 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26", "AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=591022485
```

```
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=833616424
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=833616424
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=591022485
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=813380258
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=6 id=813380258
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("U"@ "SEL$26",
"O"@ "SEL$26")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x000000002745C058
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E572FF0
  kkoatStatsCollectTab(enter): froP=0x000000001E54F500
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E54F500
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E54F800
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E54F800
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E54FAF0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E54FAF0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E54FDE0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E54FDE0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=6 id=776064964
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=6 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@ "SEL$28")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=242593939
```

```
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=6 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$28) est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x000000002745C058
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=6 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$28", "O"@SEL$28")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x000000002745C058
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E572668
    kkoatStatsCollectTab(enter): froP=0x000000001E5485D8
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E5485D8
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x000000001E5488C8
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E5488C8
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$23 pass=6 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("RO1"@SEL$23")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=RO1 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=RO1 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x000000002745C058
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x000000002745C058
```

```
kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E575C18
  kkoatStatsCollectTab(enter): froP=0x000000001E5751F0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E5751F0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=6 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$24 pass=6 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO1"@ "SEL$24")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO1 index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x000000002745BE30
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x000000002745BE30
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E574B98
  kkoatStatsCollectTab(enter): froP=0x000000001E574210
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17C70 froP=0x000000001E574210
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=6 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$52271521 pass=6 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@ "SEL$21") est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x0000000023167FD8
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x0000000023167FD8
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E525EB8
  kkoatStatsCollectTab(enter): froP=0x000000001E522688
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17968 froP=0x000000001E522688
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
```



```
kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$44902B2C pass=6 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x0000000023167FD8
kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x0000000023167FD8
kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E5222A0
  kkoatStatsCollectTab(enter): froP=0x000000001E576AD8
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001E576AD8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=6 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000023167FD8
kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=6 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1832039161
```

```
kkoatVerifyEst: complete, qbName=SEL$20 pass=6 id=1832039161
VEstatus=TABESTMISS estttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000023167FD8
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E52B740
kkoatStatsCollectTab(enter): froP=0x000000001E573300
kkoatStatsCollectTab: skip fro=000000001E573300
kkoatStatsCollectTab(enter): froP=0x000000001E5735F0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E5735F0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E576140
kkoatStatsCollectTab: skip fro=000000001E576140
kkoatStatsCollectTab(enter): froP=0x000000001E5261C8
kkoatStatsCollectTab: skip fro=000000001E5261C8
kkoatStatsCollect(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000023167FD8
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000023167FD8
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x0000000016F061C8
kkoatStatsCollectTab(enter): froP=0x0000000016F05C78
kkoatStatsCollectTab: skip fro=0000000016F05C78
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=6 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=4148900168
VEstatus=SUCCESS estttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=6 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1340402670
VEstatus=SUCCESS estttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
```

```
pass=6 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000023167FD8
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=6 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1094949548
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=6 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=1871014512
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=1970400506
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=2212994445
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN

```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1194335542
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=6 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2212994445
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000023167FD8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=6 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=6 id=1340402670
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyEst(enter)
pass=6 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30") est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027AE8040
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyEst(enter)
pass=6 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1094949548
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1094949548
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=629997836
VEstatus=CARTPROD estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=872591775
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=TABESTMISS estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=J index=SCHEMULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=6 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3211417182
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=J index=SCHEMATA$JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMATA$JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEMATA$JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMATA$JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=6 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2968823243
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2192758279
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttpe=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
VEstatus=TABESTMISS esttpe=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=852355609
VEstatus=SIMPJOIN esttpe=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=852355609
VEstatus=SIMPJOIN esttpe=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=852355609
VEstatus=SIMPJOIN esttpe=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=852355609
VEstatus=SIMPJOIN esttpe=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=852355609
VEstatus=SIMPJOIN esttpe=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```



```
kkoatVerifyEst(enter)
pass=6 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=6 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=6 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
```



```
kkoatStatsCollectTab: skip fro=000000001CFE2428
  kkoatStatsCollectTab(enter): froP=0x000000001CFE2718
kkoatStatsCollectTab: skip fro=000000001CFE2718
  kkoatStatsCollectTab(enter): froP=0x0000000016F017F0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17968 froP=0x0000000016F017F0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016F01A78
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016F01A78
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016F01E30
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x0000000016F01E30
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016F02120
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016F02120
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=6 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=4109924817
VEstatus=SUCCESS estttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=6 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=4148900168
VEstatus=NOROWS estttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
pass=6 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=998422737
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=776064964
VEstatus=NOROWS estttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=6 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x000000002331C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyEst(enter)
pass=6 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=6 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=6 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1443378094
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=6 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=687549296
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1589445222
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=6 id=833616424
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
jop=0x000000002331C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=6 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=6 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=6 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
jop=0x0000000027A4C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
pass=6 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
  kkoatVerifyEst(enter)
  pass=6 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1685972033
V!status=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=4206451628
V!status=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=591022485
V!status=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=444955357
V!status=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1443378094
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=687549296
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1589445222
```



```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"L"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "LO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```

table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1443378094
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=687549296
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=1589445222
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)

```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
```

```
pass=6 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=6 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027A4C058
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbCP=0x0000000016EFFF48
kkoatStatsCollectTab(enter): froP=0x000000001CFEE418
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001CFEE418
```

```
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001CFEE720
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001CFEE720
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001CFEEA10
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001CFEEA10
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001CFEED00
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001CFEED00
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001CFEF058
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17C70 froP=0x000000001CFEF058
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=5 id=402958856
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=402958856
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("A"@SEL$5) est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1340402670
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("E"@SEL$5)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=4148900168
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("A"@SEL$7) est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=4109924817
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("A"@SEL$9) est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x000000002331C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```



```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=0.24 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=0.29 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2088930889
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
```



```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1) est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=5 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vestatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vestatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=993981341
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=993981341
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1992404078
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=11.34 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=9.12 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=11.34 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=341.00 est_nav=8.84
adjfac=4.2855 new_est=37.89
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)

```

```
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=274.08 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
```

"J"@SEL\$2", "E"@SEL\$5", "JL"@SEL\$1") est=341.00 est\_nav=8.84  
adjfac=38.5691 new\_est=341.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vistatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=5 id=847914213  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=847914213  
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"J"@SEL\$2", "A"@SEL\$7") est=7.11 est\_nav=7.11 adjfac=47.9864  
new\_est=341.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=5 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=1846336950  
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"J"@SEL\$2", "A"@SEL\$7", "A"@SEL\$11") est=341.00 est\_nav=7.11  
adjfac=3.3930 new\_est=24.11  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=SCAN

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=341.00 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1090508152
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=341.00 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```



```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=1558319047
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1558319047
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=37.4015
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3332806748
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=3332806748  
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "A"@SEL\$11", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=5 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=2410674656  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7") est=8.84 est\_nav=0.24 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=5 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=3186739620  
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=5 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=2653268595  
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=5 id=2799335723  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=2799335723  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "A"@SEL\$11", "JL"@SEL\$1") est=11.00 est\_nav=0.29 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=5 id=3575400687  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=3575400687  
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "A"@SEL\$11", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)

```
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2334384011
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=8.84 est_nav=8.84
adjfac=4.2855 new_est=37.89
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=1412251919
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=5 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2188316883
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2430910822
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1401381593
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
```



```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
Vstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=5 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2410674656
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
      pass=5 id=1312865925
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
        kkoatVerifyEst(exit)
          kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyEst(enter)
      pass=5 id=2799335723
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
        kkoatVerifyEst(exit)
          kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7") est=0.24 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
VEstatus=PASSNUM estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2234998017
Vlstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1") est=0.29 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2088930889
Vlstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=5 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
V!status=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
V!status=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=217916377
V!status=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=1216339114
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=1216339114  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=5 id=2556741784  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=2556741784  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5") est=0.29 est\_nav=0.29 adjfac=37.4015  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vistatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=5 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=2410674656  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",

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"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```



```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
Vstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

table=A index=WRI\$\_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=5 id=217916377  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=217916377  
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=5 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=1216339114  
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3332806748
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2799335723
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
```

```

kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=5 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)

```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=5 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
VEstatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=5 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2653268595
Vestatus=PASSNUM esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=5 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=5 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=5 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=1421617759
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1421617759
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=5 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2519426490
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=5 id=2762020429
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1") est=275.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=5 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1619
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=5 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9") est=221.03 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=5 id=2373359362  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=2373359362  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "J"@SEL\$2",  
"E"@SEL\$5", "A"@SEL\$7") est=221.03 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=101.2118 new\_est=25.00  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=101.2118  
new\_est=25.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=5 id=2177446557  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=2177446557  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$11") est=11.00 est\_nav=11.00 adjfac=25.0000 new\_est=275.00  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=5 id=2420040496  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=2420040496  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$11", "JL"@SEL\$1") est=275.00 est\_nav=11.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=5 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=3517849227
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1992404078
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9") est=7.35 est_nav=0.29 adjfac=38.5691
new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=5 id=2031379429
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=2031379429  
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$11", "A"@SEL\$7") est=221.03 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=5 id=217916377  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=217916377  
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=5 id=993981341  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=993981341  
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=5 id=1236575280  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=5 id=1236575280  
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"J"@SEL\$2", "JL"@SEL\$1") est=8.84 est\_nav=8.84 adjfac=38.5691  
new\_est=341.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)

```
pass=5 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1032956692
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1032956692
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=5 id=1275550631
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=5 id=1275550631
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
jopP=0x000000002331C058
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E57D020
kkoatStatsCollectTab(enter): froP=0x000000001E56FCD0
kkoatStatsCollectTab: skip fro=000000001E56FCD0
kkoatStatsCollectTab(enter): froP=0x000000001E5608F0
kkoatStatsCollectTab: skip fro=000000001E5608F0
kkoatStatsCollectTab(enter): froP=0x000000001F0696F0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F0696F0
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001F067718
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F067718
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001F065728
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F065728
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001F060F68
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17D70 froP=0x000000001F060F68
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001F061260
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F181A8 froP=0x000000001F061260
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
end kestsadoRounds() round error=0 msg=
kestsadoRounds() round=7
kkoatStatsCollectTab(enter): froP=0x000000001E515E48
```

```
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E515E48
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E5F1018
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E5F1018
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1D0C0
kkoatSetupQbCtx(exit): passNum=7 qbDone=yes atDone=yes
pass=7 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=7 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35) est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=7 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001E55C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=7 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35)
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001E55C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=7 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=7 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001F0E0D70
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=7 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001F0E0D70
kkoatSaveJoinOrder(exit)
```

```
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_2"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_2"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_2"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_2"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1CE78
kkoatSetupQbCtx(exit): passNum=7 qbcDone=yes atDone=yes
pass=7 id=776064964
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=7 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=7 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1CE78
joP=0x000000001F108040
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
```



```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=7 id=1018658903
Vstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=776064964
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=7 id=776064964
Vstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=2.36
est_nav=2.36 adjfac=0.4427 new_est=1.05
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=7 id=242593939
Vstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=7 id=1018658903
Vstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=1.05 est_nav=1.05 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1CE78
joP=0x000000001F108040
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C0B8
  kkoatSetupQbCtx(exit): passNum=7 qbcDone=yes atDone=yes
pass=7 id=776064964
kkoatVerifyEst: complete, qbName=SEL$9CF1E98E pass=7 id=776064964
Vstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$33") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=SCHEDULER$_INSTANCE_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$9CF1E98E pass=7 id=242593939
Vstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$33")
  kkoatVerifyEst(exit)
```

```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C0B8
joP=0x000000001F108040
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$9CF1E98E pass=7 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C0B8
joP=0x000000001F108040
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C280
kkoatSetupQbCtx(exit): passNum=7 qbcDone=yes atDone=yes
pass=7 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=998422737
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x0000000021544B38
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

```
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "AO"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=833616424
```

```
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "O"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=7 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=7 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26", "AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=591022485
```

```
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=833616424
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=833616424
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=591022485
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=813380258
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=813380258
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("U"@SEL$26",
"O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x0000000021544B38
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C558
  kkoatSetupQbCtx(exit): passNum=7 qbcDone=yes atDone=yes
pass=7 id=776064964
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=7 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$28")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=7 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$28") est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x0000000021544B38
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=1018658903
```

kkoatVerifyEst: complete, qbName=SEL\$A065B7E5 pass=7 id=1018658903  
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("D"@SEL\$28", "O"@SEL\$28")  
est=0.02 est\_nav=0.02 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C558  
joP=0x0000000021544B38  
kkoatSaveJoinOrder(exit)  
kkoatVerifyEst(enter)  
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B8C8  
kkoatSetupQbCtx(exit): passNum=7 qbcDone=yes atDone=yes  
pass=7 id=242593939  
kkoatVerifyEst: complete, qbName=SEL\$23 pass=7 id=242593939  
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("R01"@SEL\$23")  
kkoatVerifyEst(exit)  
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8  
joP=0x0000000021544B38  
kkoatRestoreJoinOrder(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8  
joP=0x0000000021544B38  
kkoatSaveJoinOrder(exit)  
kkoatVerifyEst(enter)  
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B9F8  
kkoatSetupQbCtx(exit): passNum=7 qbcDone=yes atDone=yes  
pass=7 id=242593939  
kkoatVerifyEst: complete, qbName=SEL\$24 pass=7 id=242593939  
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("L01"@SEL\$24")  
kkoatVerifyEst(exit)  
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8  
joP=0x0000000021544B38  
kkoatRestoreJoinOrder(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8  
joP=0x0000000021544B38  
kkoatSaveJoinOrder(exit)  
kkoatVerifyEst(enter)  
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BB28  
kkoatSetupQbCtx(exit): passNum=7 qbcDone=yes atDone=yes  
pass=7 id=242593939  
kkoatVerifyEst: complete, qbName=SEL\$21 pass=7 id=242593939  
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("RJ1"@SEL\$21") est=25.00  
est\_nav=25.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BB28  
joP=0x0000000021544B38  
kkoatRestoreJoinOrder(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BB28  
joP=0x0000000021544B38  
kkoatSaveJoinOrder(exit)  
kkoatVerifyEst(enter)  
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BC58  
kkoatSetupQbCtx(exit): passNum=7 qbcDone=yes atDone=yes  
pass=7 id=242593939  
kkoatVerifyEst: complete, qbName=SEL\$22 pass=7 id=242593939  
VEstatus=NOROWS estttype=TABLE prelen=1 tables=("LJ1"@SEL\$22")  
kkoatVerifyEst(exit)



```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x0000000021544B38
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x0000000021544B38
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BD88
kkoatSetupQbCtx(exit): passNum=7 qbcDone=yes atDone=yes
pass=7 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@SEL$20)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021514028
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=7 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1774487701
```

```
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("O1"@SEL$20,
"U1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20,
"U1"@SEL$20, "J1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20,
"U1"@SEL$20, "J1"@SEL$20, "JD1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("O1"@SEL$20,
"J1"@SEL$20) est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20,
"J1"@SEL$20, "U1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20,
"J1"@SEL$20, "U1"@SEL$20, "JD1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1055974197
```

```
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"O1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=7 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=57551460
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=57551460
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021514028
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A758
kkoatSetupQbCtx(exit): passNum=7 qbcDone=yes atDone=yes
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$52271521 pass=7 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x0000000021514028
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x0000000021514028
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A898
kkoatSetupQbCtx(exit): passNum=7 qbcDone=yes atDone=yes
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$44902B2C pass=7 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x0000000021514028
kkoatRestoreJoinOrder(exit)
```

```
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898
jOP=0x0000000021514028
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
      pass=7 id=776064964
      kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=776064964
      VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@SEL$20)
      kkoatVerifyEst(exit)
        kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
        jOP=0x0000000021514028
          kkoatRestoreJoinOrder(exit)
            kkoatVerifyEst(enter)
              pass=7 id=813380258
              kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=813380258
              VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("O1"@SEL$20,
"J1"@SEL$20)
              kkoatVerifyEst(exit)
                kkoatVerifyIdxAcc(enter)
                  table=U1 index=I_USER# estType=SCAN
                  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
                  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
                  kkoatVerifyIdxAcc(enter)
                    table=U1 index=I_USER# estType=FILTER
                    kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
                    kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
                    kkoatVerifyIdxAcc(enter)
                      table=U1 index=I_USER2 estType=SCAN
                      kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
                      kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
                      kkoatVerifyIdxAcc(enter)
                        table=U1 index=I_USER2 estType=FILTER
                        kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
                        kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
                        kkoatVerifyEst(enter)
                          pass=7 id=1589445222
                          kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1589445222
                          VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20,
"J1"@SEL$20, "U1"@SEL$20)
                          kkoatVerifyEst(exit)
                            kkoatVerifyEst(enter)
                              pass=7 id=1832039161
                              kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1832039161
                              VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20,
"J1"@SEL$20, "U1"@SEL$20, "JD1"@SEL$20)
                              kkoatVerifyEst(exit)
                                kkoatVerifyEst(enter)
                                  pass=7 id=1055974197
                                  kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1055974197
                                  VEstatus=EXISTS esttype=JOIN prelen=3 tables=("O1"@SEL$20,
"J1"@SEL$20, "JD1"@SEL$20) est=26.00 est_nav=26.00 (no adjustment)
                                  kkoatVerifyEst(exit)
                                    kkoatVerifyIdxAcc(enter)
                                      table=U1 index=I_USER# estType=SCAN
                                      kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=7 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021514028
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A9D8
kkoatSetupQbCtx(exit): passNum=7 qbcDone=yes atDone=yes
pass=7 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=7 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=998422737
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=7 id=998422737
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=7 id=776064964
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=7 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=7 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A9D8
joP=0x0000000021533F58
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=7 id=1018658903
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "AO"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=7 id=2017081640
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=7 id=1832039161
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26", "U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=833616424
```

kkoatVerifyEst: complete, qbName=SEL\$0393A011 pass=7 id=833616424  
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL\$26",  
"AO"@SEL\$26", "U"@SEL\$26")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=0 index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=0 index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=0 index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=0 index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=7 id=1774487701  
kkoatVerifyEst: complete, qbName=SEL\$0393A011 pass=7 id=1774487701  
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("D"@SEL\$26",  
"O"@SEL\$26")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=AO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=AO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=AO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=AO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=7 id=2017081640  
kkoatVerifyEst: complete, qbName=SEL\$0393A011 pass=7 id=2017081640  
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL\$26",  
"O"@SEL\$26", "AO"@SEL\$26")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER# estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=U index=I\_USER# type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER# estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=U index=I\_USER# type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER2 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=U index=I\_USER2 type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER2 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=U index=I\_USER2 type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=7 id=1832039161  
kkoatVerifyEst: complete, qbName=SEL\$0393A011 pass=7 id=1832039161  
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("D"@SEL\$26",  
"O"@SEL\$26", "AO"@SEL\$26", "U"@SEL\$26")  
kkoatVerifyEst(exit)

```
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=7 id=1589445222
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"O"@SEL$26", "U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=7 id=1832039161
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("D"@SEL$26",
"O"@SEL$26", "U"@SEL$26", "AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=591022485
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=7 id=591022485
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=833616424
```

kkoatVerifyEst: complete, qbName=SEL\$0393A011 pass=7 id=833616424  
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("D"@SEL\$26",  
"U"@SEL\$26", "AO"@SEL\$26")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=0 index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=0 index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=0 index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=0 index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=0 index=I\_OBJ2 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=0 index=I\_OBJ2 type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=0 index=I\_OBJ2 estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=0 index=I\_OBJ2 type=FILTER  
kkoatVerifyIdxAccReUse(exit)  
kkoatVerifyIdxAccDerive(enter) table=0 index=I\_OBJ2 type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=0 index=I\_OBJ4 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=0 index=I\_OBJ4 type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=7 id=1589445222  
kkoatVerifyEst: complete, qbName=SEL\$0393A011 pass=7 id=1589445222  
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL\$26",  
"U"@SEL\$26", "O"@SEL\$26")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=591022485  
kkoatVerifyEst: complete, qbName=SEL\$0393A011 pass=7 id=591022485  
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL\$26",  
"D"@SEL\$26")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=0 index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=0 index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=0 index=I\_OBJ2 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=0 index=I\_OBJ2 type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=0 index=I\_OBJ2 estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=0 index=I\_OBJ2 type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS  
kkoatVerifyIdxAcc(enter)  
table=0 index=I\_OBJ4 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=0 index=I\_OBJ4 type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```
kkoatVerifyEst(enter)
pass=7 id=813380258
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=7 id=813380258
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$26",
"O"@SEL$26")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A9D8
joP=0x0000000021533F58
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1ACB0
kkoatSetupQbCtx(exit): passNum=7 qbcDone=yes atDone=yes
pass=7 id=776064964
kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=7 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$28")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=7 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$28") est=0.02
est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1ACB0
joP=0x0000000021533F58
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=7 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("D"@SEL$28",
"O"@SEL$28")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1ACB0
joP=0x0000000021533F58
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=7 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
kkoatVerifyEst(exit)
```

```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021533F58
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=7 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"J1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1055974197
VEstatus=PUSHPRED esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"O1"@SEL$20) est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1832039161
VEstatus=PUSH Pred esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1055974197
VEstatus=PUSH Pred esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```



```
pass=7 id=57551460
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=57551460
VEstatus=PUSHPRED esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021533F58
kkoatSaveJoinOrder(exit)
```

```
kkoatVerifyEst(enter)
pass=7 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=7 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=7 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000216B7FD8
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=7 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000216B7FD8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1AE78
kkoatSetupQbCtx(exit): passNum=7 qbcDone=yes atDone=yes
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$19 pass=7 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("WM"@SEL$19") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x00000000216CC058
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x00000000216CC058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1AFA8
kkoatSetupQbCtx(exit): passNum=7 qbcDone=no atDone=no
pass=7 id=776064964
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
```

```
kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyEst(enter)
pass=7 id=2113250766
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2113250766
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1593508212
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1593508212
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=598302687
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=598302687
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=402958856
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=402958856
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=998422737
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ5 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x00000000216CC058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=4130332406
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1842133530
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
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"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3182536200
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
```



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)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=3585495056
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3585495056
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "WMU"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17", "CMU"@SEL$17"
)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=3367578679
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3367578679
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)

```

```

    kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=3182536200
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=3036469072
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=1179023820

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```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2519426490
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=7 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1696066402
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)

```

```

pass=7 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER

```

```
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
```



```

    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=7 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=7 id=2116467634
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=7 id=1018658903
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)

```

```

table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=4130332406
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN

```

```
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEMULER$_DEST_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEMULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEMULER$_DEST_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2027176009
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1842133530
Vestatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3182536200
Vestatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3036469072
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=7 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=7 id=2519426490
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2519426490
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMO"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=1374367651
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1374367651
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"D"@SEL$17")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2967875863
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2967875863
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=786159333
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=786159333
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1784582070
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1784582070
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2027176009
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1842133530
Vestatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1018658903
Vestatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=4130332406
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEMULER$_DEST_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEMULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEMULER$_DEST_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2027176009
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1842133530
Vestatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1696066402
Vestatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3036469072
```



```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x00000000216CC058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B5C0
kkoatSetupQbCtx(exit): passNum=7 qbcDone=yes atDone=no
pass=7 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=7 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$15")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000216CC058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=7 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=7 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000216CC058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=7 id=776064964
```

```
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=7 id=776064964
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("D"@SEL$15")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000279126B8
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyEst(enter)
      pass=7 id=1018658903
      kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=7 id=1018658903
VEstatus=NOROWS estttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000279126B8
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
      pass=7 id=242593939
      kkoatVerifyEst: complete, qbName=SEL$23 pass=7 id=242593939
VEstatus=SUCCESS estttype=TABLE prelen=1 tables=("R01"@SEL$23")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x00000000216CC058
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x00000000216CC058
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
      pass=7 id=242593939
      kkoatVerifyEst: complete, qbName=SEL$24 pass=7 id=242593939
VEstatus=NOROWS estttype=TABLE prelen=1 tables=("L01"@SEL$24")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=L01 index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x00000000216CC058
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x00000000216CC058
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
      pass=7 id=776064964
      kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=776064964
VEstatus=SUCCESS estttype=TABLE prelen=1 tables=("U1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
```

```
table=U1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): V1status=SUCCESS
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
jOP=0x00000000216CC058
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyEst(enter)
  pass=7 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"J1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "O1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
```

```
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x00000000216CC058
kkoatSaveJoinOrder(exit)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F196E0
kkoatSetupQbCtx(exit): passNum=7 qbcDone=yes atDone=no
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x00000000216CC058
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x00000000216CC058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F19810
kkoatSetupQbCtx(exit): passNum=7 qbcDone=yes atDone=no
pass=7 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=998422737
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x00000000216CC058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=7 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=7 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

```

table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3357484310
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)

```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
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kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3211417182
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=872591775
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
```



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kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2212994445
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
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kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

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kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2929847892
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2783780764
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2968823243
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=7 id=629997836
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=629997836
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1970400506
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=7 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
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"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3357484310
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3211417182
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
```



```
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2359061573
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2212994445
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1241016676
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1055974197
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2396376867
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2250309739
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2581419346
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2581419346
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2396376867
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2250309739
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2435352218
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2250309739
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1582996609
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1582996609
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=96526811
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=96526811
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1436929481
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=7 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2338825407
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2338825407
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2153782928
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2007715800
```



```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2192758279
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2192758279
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2007715800
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2783780764
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2250309739
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1194335542
Vestatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)

```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3357484310
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=7 id=2359061573
        kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=7 id=1774487701
        kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
      table=CO index=I_OBJ1 estType=SCAN
        kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
          kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
            kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
              kkoatVerifyIdxAcc(enter)
                table=CO index=I_OBJ1 estType=FILTER
                  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
                    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
                      kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
                        kkoatVerifyEst(enter)
                          pass=7 id=1589445222
                            kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
      table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
        kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
          kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
            kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
              kkoatVerifyIdxAcc(enter)
                table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
                  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
                    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
                      kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
                        kkoatVerifyEst(enter)
                          pass=7 id=2929847892
                            kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=7 id=3172441831
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2929847892
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
Vstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2116467634
```



```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
```

```

    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=7 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=7 id=3357484310
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3357484310
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)

```

```
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2359061573
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1241016676
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
  kkoatVerifyEst(exit)
```

```

kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1055974197
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2396376867
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)

```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2581419346
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2581419346
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=7 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1582996609
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=7 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2396376867
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
```



```
"JO"@"SEL$12", "DI2"@"SEL$30", "DI"@"SEL$30", "JU"@"SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2338825407
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2338825407
Vstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@"SEL$12", "JO"@"SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2153782928
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2153782928
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@"SEL$12", "JO"@"SEL$12",
"CO"@"SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2929847892
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@"SEL$12", "JO"@"SEL$12",
"CO"@"SEL$12", "DI"@"SEL$30") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
Vstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@"SEL$12",
"JO"@"SEL$12", "CO"@"SEL$12", "DI"@"SEL$30", "DI2"@"SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
V!status=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2396376867
V!status=SIMPJOIN esttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
V!status=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x00000000216CC058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=7 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1340402670
Vestatus=NOPREDS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=4148900168
Vestatus=NOPREDS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=4109924817
Vestatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=998422737
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=998422737
Vestatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=776064964
Vestatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=242593939
Vestatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x0000000027468040
kkoatRestoreJoinOrder(exit)
```

```
kkoatVerifyEst(enter)
pass=7 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3357484310
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=7 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=7 id=3211417182
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3211417182
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2359061573
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2359061573
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=872591775
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2212994445
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2929847892
```



```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=7 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2968823243
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2116467634
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=629997836
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1970400506
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1832039161
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3357484310
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@ "SEL$30",
"DI"@ "SEL$30", "J"@ "SEL$12", "JO"@ "SEL$12", "CO"@ "SEL$12", "JU"@ "SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3211417182
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@ "SEL$30",
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"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2359061573
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2359061573
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=872591775
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2212994445
```



```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2212994445
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1241016676
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2250309739
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2581419346
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2581419346
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

```
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2250309739
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2435352218
V!status=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2250309739
V!status=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
V!status=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1582996609
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1436929481
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2153782928
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2007715800
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2783780764
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30) est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2338825407
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2338825407
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
```

```

    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=7 id=2007715800
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=2783780764
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=2250309739
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)

```



```

    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=7 id=2192758279
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2192758279
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=7 id=2007715800
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2007715800
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=2783780764
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2783780764
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=2250309739
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2250309739
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)

```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@ "SEL$12",
"JO"@ "SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@ "SEL$12",
"JO"@ "SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1774487701
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3357484310
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1241016676
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1241016676
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2017081640
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1832039161
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3357484310
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2396376867
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
```

```

    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=7 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=7 id=2581419346
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2581419346
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=3357484310
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3357484310
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
    kkoatVerifyEst(exit)

```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
```

```

table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1582996609
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")

```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=7 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "DI"@SEL$30",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=7 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "DI"@SEL$30",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
```



```
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
V!status=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "DI"@SEL$30",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3114890371
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3114890371
V!status=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "DI"@SEL$30",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2929847892
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "DI"@SEL$30",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
  VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
  "DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
  table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
  type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
  table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
  type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
  table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
  type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
  table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
  type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
  VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "DI"@SEL$30",
  "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
  est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
  table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
  table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=813380258
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2153782928
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2929847892
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
Vstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

```

table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2338825407
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2338825407
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3114890371
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2929847892

```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
  VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
  VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2153782928
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=7 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x0000000027468040
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F19C00
  kkoatSetupQbCtx(exit): passNum=7 qbcDone=yes atDone=no
  pass=7 id=4148900168
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=998422737
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=776064964
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x00000000216CC058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=7 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31, "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
```



```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=7 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31, "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=7 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31, "PO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
    pass=7 id=687549296
    kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=7 id=1685972033
    kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=7 id=1774487701
    kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1774487701
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31,
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=7 id=1628420573
    kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
    pass=7 id=1871014512
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=7 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=7 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=7 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=7 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31", "PO"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31", "PO"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31, "LU"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=591022485
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("L"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=7 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
```

```
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=7 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=7 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=7 id=96526811
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
```



```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=7 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=7 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3963857689
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=7 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=7 id=687549296
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=57551460
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x00000000216CC058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=7 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=998422737
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=776064964
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x0000000027BFC058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=7 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31, "LO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1871014512
Vlstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
Vlstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=7 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31, "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=7 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```

table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)

```



```
pass=7 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31, "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=7 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1774487701
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31,
"LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=27.53 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1443378094
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2017081640
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=2017081640
VEstatus=NOROWS estttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1871014512
VEstatus=NOROWS estttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS estttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1832039161
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1589445222
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31, "PO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=7 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=833616424
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=591022485
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("L"@SEL$31,
"LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31, "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31, "PO"@SEL$31)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=96526811
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=96526811
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LO"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=3963857689
Vlstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@ "SEL$31",
"LU"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=444955357
Vlstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@ "SEL$31",
"LU"@ "SEL$31", "L"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
```



```
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=7 id=591022485
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=4206451628
Vlstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=57551460
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
Vestatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1443378094
Vestatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
```



```
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=96526811
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LO"@"SEL$31",
"PO"@"SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@"SEL$31",
"LU"@"SEL$31")

```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
```

```
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=591022485
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
```



```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=57551460
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=591022485
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"L"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "L"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "L"@ "SEL$31", "LCO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$31 pass=7 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x0000000027BFC058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000016E8AB58
  kkoatSetupQbCtx(exit): passNum=6 qbcDone=no atDone=no
  pass=6 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=998422737
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=998422737
Vestatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x00000000216CC058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=11.34 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1846336950
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=1846336950  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "J"@SEL\$2", "A"@SEL\$7") est=9.12 est\_nav=0.24  
adjfac=3.3930 new\_est=0.80  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=6 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=3186739620  
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL\$9",  
"A"@SEL\$5", "A"@SEL\$11", "J"@SEL\$2", "A"@SEL\$7", "E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=3429333559  
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "J"@SEL\$2", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2088930889  
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL\$9",  
"A"@SEL\$5", "A"@SEL\$11", "J"@SEL\$2", "A"@SEL\$7", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=2234998017  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2234998017  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "J"@SEL\$2", "JL"@SEL\$1") est=11.34 est\_nav=0.29 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS



```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
Vestatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
Vestatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)

```

```
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatGetPreds(enter)
sPreds (14) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=9
kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=11
kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=11
kkoatFindSampleTable (E): canSamp=1 cdn=26 maxCard=26
kkoatFindSampleTable (JL): canSamp=0 cdn=16 maxCard=26
kkoatFindSampleTable(exit): tab=E
kkoatVerifyEst: sPreds =
("A#3"."NAME"='INSTANCE') AND ("A#3"."TASK_ID"="A#6"."ID") AND
("A#6"."ADVISOR_NAME" LIKE :B1) AND ("A#6"."NAME" LIKE :B2) AND

```

```
(BITAND("A#6"."PROPERTY",6)=4) AND ("A#2"."TASK_ID"="A#6"."ID") AND
("A#2"."NAME"='DB_ID') AND ("A#4"."TASK_ID"="A#6"."ID") AND
("A#4"."NAME"='DAYS_TO_EXPIRE') AND ("A#6"."ID"="E#5"."TASK_ID") AND
("A#6"."ADVISOR_ID"="E#5"."ADVISOR_ID") AND
("A#6"."LAST_EXEC_NAME"="E#5"."NAME") AND
("JL#0"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="JL#0"."OWNER")
```

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```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=SUCCESS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
```

```
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
```

```
pass=6 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
```

```
pass=6 id=1312865925
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
```

```
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
```

```
pass=6 id=2088930889
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=COSTCUTOFF estttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
```

```
pass=6 id=3429333559
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
Vestatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
Vestatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=993981341
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=993981341
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"J"@ "SEL$2", "A"@ "SEL$11") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3332806748
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=11.34 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=9.12 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
V!status=COSTCUTOFF estttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
V!status=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
V!status=COSTCUTOFF estttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2234998017
V!status=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=11.34 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=6 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=341.00 est_nav=8.84
adjfac=4.2855 new_est=37.89
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2188316883
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=274.08 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
Vstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
Vstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2576977950
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=847914213
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=847914213
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 adjfac=47.9864
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=341.00 est_nav=7.11
adjfac=3.3930 new_est=24.11
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=2188316883
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=341.00 est_nav=7.11 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
    kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
pass=6 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)

```

```
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1090508152
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=341.00 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2430910822
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1236575280
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$11") est=341.00 est_nav=8.84 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=6 id=2576977950
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2576977950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
Vestatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
Vestatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
```



```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1090508152
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=274.08 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1558319047
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1558319047
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=37.4015
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=341.00 est_nav=8.84
adjfac=4.2855 new_est=37.89
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=274.08 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1412251919
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
Vstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2653268595
```





```
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
V!status=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
V!status=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1800912986
V!status=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
V!status=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=8.84 est_nav=8.84 (no
adjustement)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=8.84 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
Vestatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
Vestatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=847914213
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2") est=7.11 est_nav=7.11 adjfac=47.9864
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=6 id=1846336950
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=341.00 est_nav=7.11
adjfac=3.3930 new_est=24.11
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
      pass=6 id=3186739620
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=COSTCUTOFF estttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
      kkoatVerifyEst(exit)
        kkoatVerifyEst(enter)
          pass=6 id=3429333559
          kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
          kkoatVerifyEst(exit)
            kkoatVerifyEst(enter)
              pass=6 id=2088930889
              kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=COSTCUTOFF estttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
              kkoatVerifyEst(exit)
                kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```



```

kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=341.00 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2430910822

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1090508152
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=341.00 est_nav=7.11 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1412251919
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
```

```
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
Vestatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$7",
"A"@SEL$5", "A"@SEL$9", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=6 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1401381593
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```

table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER

```



```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
Vestatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=COSTCUTOFF estttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=6 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2799335723
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2799335723  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "JL"@SEL\$1") est=11.00 est\_nav=0.29 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=6 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$7") est=8.84  
est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=3429333559  
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$7", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=3575400687  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=3575400687  
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9", "E"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=3332806748  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=3332806748  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "J"@SEL\$2") est=11.00 est\_nav=0.29  
adjfac=4.2855 new\_est=1.26  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=6 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=3186739620  
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9", "E"@SEL\$5", "J"@SEL\$2", "A"@SEL\$7")

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
V!status=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
V!status=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
V!status=COSTCUTOFF estttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
  kkoatVerifyEst(enter)
```

```
pass=6 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2088930889
```



```

kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7") est=9.12 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)

```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
Vestatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
Vestatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER

```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=11.34 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
Vestatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
Vestatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2234998017
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1") est=11.34 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
```

```

kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@ "SEL$5",
"A"@ "SEL$11", "A"@ "SEL$9", "J"@ "SEL$2", "JL"@ "SEL$1", "A"@ "SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@ "SEL$5",
"A"@ "SEL$11", "A"@ "SEL$9", "J"@ "SEL$2", "JL"@ "SEL$1", "E"@ "SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1255314465

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=6 id=2653268595
        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
          VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
          "A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00
          est_nav=0.24 (no adjustement)
            kkoatVerifyEst(exit)
              kkoatVerifyEst(enter)
                pass=6 id=3429333559
                  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
                    VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
                    "A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
                    kkoatVerifyEst(exit)
                      kkoatVerifyEst(enter)
                        pass=6 id=3186739620
                          kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
                            VEstatus=COSTCUTOFF estttype=JOIN prelen=6 tables=("A"@SEL$5",
                            "A"@SEL$11", "A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
                            kkoatVerifyEst(exit)
                              kkoatVerifyEst(enter)
                                pass=6 id=3429333559
                                  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
                                    VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
                                    "A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
                                    kkoatVerifyEst(exit)
                                      kkoatVerifyEst(enter)
                                        pass=6 id=1312865925
                                          kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
                                            VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
                                            "A"@SEL$7", "A"@SEL$9", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
                                            adjustement)
                                              kkoatVerifyEst(exit)
                                                kkoatVerifyIdxAcc(enter)
                                                  table=E index=WRI$_ADV_EXECS_PK estType=SCAN
                                                    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                                                      kkoatVerifyIdxAcc(enter)
                                                        table=E index=WRI$_ADV_EXECS_PK estType=FILTER
                                                          kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                                                            kkoatVerifyIdxAcc(enter)
                                                              table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
                                                                kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                                                                  kkoatVerifyIdxAcc(enter)
                                                                    table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
                                                                      kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                                                                        kkoatVerifyIdxAcc(enter)
                                                                          table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
                                                                            kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                                                                              kkoatVerifyIdxAcc(enter)
                                                                                table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=COSTCUTOFF estttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=COSTCUTOFF estttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
  VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2595717135
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2595717135
  VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```



```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9") est=0.24 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2838311074
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2838311074
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=8.84 est_nav=8.84 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=6 id=3429333559
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
      VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "J"@SEL$2")
      kkoatVerifyEst(exit)
        kkoatVerifyEst(enter)
          pass=6 id=3614376038
          kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3614376038
          VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
          kkoatVerifyEst(exit)
            kkoatVerifyIdxAcc(enter)
              table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
              kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
              type=SCAN
              kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
              kkoatVerifyIdxAcc(enter)
                table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
                kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
                type=FILTER
                kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                kkoatVerifyIdxAcc(enter)
                  table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
                  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
                  type=FILTER
                  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                  kkoatVerifyEst(enter)
                    pass=6 id=217916377
                    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=217916377
                    VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
                    est=8.84 est_nav=8.84 (no adjustment)
                    kkoatVerifyEst(exit)
                      kkoatVerifyIdxAcc(enter)
                        table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
                        kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
                        type=SCAN
                        kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
                        kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
                        new_est=1.22
                        kkoatVerifyIdxAcc(enter)
                          table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
                          kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
                          type=FILTER
                          kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
                          kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
                          new_est=0.03
                          kkoatVerifyEst(enter)
                            pass=6 id=1216339114
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1255314465
  VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
  VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=6 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=1216339114  
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=6 id=2556741784  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2556741784  
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5") est=0.29 est\_nav=0.29 adjfac=37.4015  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
Vestatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```



```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
Vestatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=COSTCUTOFF estttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=COSTCUTOFF estttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1458933053
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
Vestatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=71849249
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=6 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
```

```
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=6 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
Vestatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vİstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=COSTCUTOFF estttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vİstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vİstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vİstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vİstatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustement)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
Vestatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1992404078
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=11.34 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

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kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
Vestatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
Vestatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=9.12 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)

```

```
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=11.34 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=6 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11") est=7.11 est\_nav=7.11 adjfac=46.5337  
new\_est=330.68  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=6 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2410674656  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11", "E"@SEL\$5") est=11.00 est\_nav=0.24 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=3186739620  
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL\$7",  
"A"@SEL\$5", "A"@SEL\$9", "A"@SEL\$11", "E"@SEL\$5", "J"@SEL\$2")

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=645552795
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=645552795
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1421617759
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1421617759
VEstatus=EXISTS estttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2762020429
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
```



```
"J"@SEL$2", "E"@SEL$5") est=275.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3760443166
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3760443166
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=11.00 est_nav=11.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3614376038
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$9") est=8.84 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$9", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$9", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2615953301
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2615953301
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=8.84 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3614376038
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=2420040496
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2420040496
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3760443166
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3760443166
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=275.00 est_nav=11.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@ "SEL$5",
"JL"@ "SEL$1", "J"@ "SEL$2", "A"@ "SEL$11", "E"@ "SEL$5", "A"@ "SEL$9")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3614376038
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@ "SEL$5",
"JL"@ "SEL$1", "J"@ "SEL$2", "A"@ "SEL$11", "E"@ "SEL$5", "A"@ "SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@ "SEL$5", "JL"@ "SEL$1",
"J"@ "SEL$2", "A"@ "SEL$11", "A"@ "SEL$9") est=7.35 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1619
new_est=0.04
  kkoatVerifyIdxAcc(enter)
```

table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=6 id=2273973368  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2273973368  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@ "SEL\$5", "JL"@ "SEL\$1",  
"J"@ "SEL\$2", "A"@ "SEL\$11", "A"@ "SEL\$7") est=221.03 est\_nav=8.84  
adjfac=1.2442 new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new\_est=0.04  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1619  
new\_est=0.04  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=6 id=1236575280  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=1236575280  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@ "SEL\$5", "JL"@ "SEL\$1",  
"J"@ "SEL\$2", "A"@ "SEL\$9") est=221.03 est\_nav=8.84 adjfac=38.5691  
new\_est=341.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=6 id=2576977950
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2576977950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "E"@SEL$5") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
Vestatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$9", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
Vestatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$9", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2234998017
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$11") est=341.00 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1090508152
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$7") est=274.08 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1619
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1275550631
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1275550631
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2615953301
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2615953301
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=221.03 est_nav=8.84 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3614376038
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
Vlstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$9")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=217916377
Vlstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=460510316
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=460510316
Vlstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1236575280
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1236575280
Vlstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$9",
"A"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=499485667
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=499485667
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1275550631
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1275550631
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2615953301
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2615953301
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5") est=8.84 est_nav=8.84 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3614376038
Vestatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$7",
"A"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x00000000216CC058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=6 id=402958856
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=402958856
Vestatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1340402670
Vestatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=4148900168
Vestatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=4109924817
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=4109924817  
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL\$9") est=0.29  
est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SKIP\_SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)  
kkoatVerifyEst(enter)  
pass=6 id=998422737  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=998422737  
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL\$11") est=8.84  
est\_nav=8.84 adjfac=0.1131 new\_est=1.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SKIP\_SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131  
new\_est=1.00  
kkoatRestoreJoinOrder(enter): qbCtxP=0x000000016E8AB58  
joP=0x000000022F47FD8  
kkoatRestoreJoinOrder(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=6 id=217916377  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=217916377  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
est=0.29 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=6 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=10.67
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3332806748
```

```

kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=10.67 est_nav=0.29
adjfac=4.2855 new_est=1.22
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatGetPreds(enter)
sPreds (15) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=1
kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=11
kkoatFindSampleTable (E): canSamp=1 cdn=26 maxCard=26
kkoatFindSampleTable (J): canSamp=0 cdn=26 maxCard=26
kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=26
kkoatFindSampleTable(exit): tab=E
kkoatVerifyEst: sPreds =
("A#3"."NAME"='INSTANCE') AND ("A#3"."VALUE"='UNUSED') AND
("A#3"."TASK_ID"="A#6"."ID") AND ("A#6"."ADVISOR_NAME" LIKE :B1) AND
("A#6"."NAME" LIKE :B2) AND (BITAND("A#6"."PROPERTY",6)=4) AND
("A#2"."TASK_ID"="A#6"."ID") AND ("A#2"."NAME"='DB_ID') AND
("A#6"."ID"="E#5"."TASK_ID") AND ("A#6"."ADVISOR_ID"="E#5"."ADVISOR_ID")
AND ("A#6"."LAST_EXEC_NAME"="E#5"."NAME") AND
("J#1"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="J#1"."OWNER") AND ("A#4"."TASK_ID"="A#6"."ID") AND
("A#4"."NAME"='DAYS_TO_EXPIRE')
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=SUCCESS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatGetPreds(enter)
sPreds (15) = nsPreds (0) = kkoatGetPreds(exit)
kkoatFindSampleTable(enter)
kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=1
kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11

```



```

kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=11
kkoatFindSampleTable (E): canSamp=1 cdn=26 maxCard=26
kkoatFindSampleTable (J): canSamp=0 cdn=26 maxCard=26
kkoatFindSampleTable (JL): canSamp=0 cdn=16 maxCard=26
kkoatFindSampleTable(exit): tab=E
kkoatVerifyEst: sPreds =
("A#3"."NAME"='INSTANCE') AND ("A#3"."VALUE"='UNUSED') AND
("A#3"."TASK_ID"="A#6"."ID") AND ("A#6"."ADVISOR_NAME" LIKE :B1) AND
("A#6"."NAME" LIKE :B2) AND (BITAND("A#6"."PROPERTY",6)=4) AND
("A#2"."TASK_ID"="A#6"."ID") AND ("A#2"."NAME"='DB_ID') AND
("A#6"."ID"="E#5"."TASK_ID") AND ("A#6"."ADVISOR_ID"="E#5"."ADVISOR_ID")
AND ("A#6"."LAST_EXEC_NAME"="E#5"."NAME") AND
("J#1"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="J#1"."OWNER") AND
("JL#0"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="JL#0"."OWNER")

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kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=SUCCESS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=1.22
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2410674656

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kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2410674656  
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "A"@SEL\$7") est=8.57 est\_nav=0.23 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=3186739620  
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "A"@SEL\$7", "J"@SEL\$2") est=8.57  
est\_nav=0.23 adjfac=47.9864 new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "A"@SEL\$7", "J"@SEL\$2", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2653268595  
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "A"@SEL\$7", "JL"@SEL\$1") est=8.57  
est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=3429333559  
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=2799335723  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2799335723  
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "JL"@SEL\$1") est=10.67 est\_nav=0.29 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=3575400687  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=3575400687  
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2") est=10.67  
est\_nav=0.29 adjfac=38.5691 new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vistatus=success est=0.25 (no adjustment)

```
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.57
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.22
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=1.22
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)

```

```

table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=8.84 est_nav=0.23
adjfac=3.3930 new_est=0.78
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.78
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2088930889
  kkoatGetPreds(enter)
    sPreds (14) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=1
  kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
  kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=11
  kkoatFindSampleTable (J): canSamp=0 cdn=26 maxCard=11
  kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=11
  kkoatFindSampleTable (JL): canSamp=0 cdn=16 maxCard=11

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```

kkoatFindSampleTable(exit): tab=A
kkoatVerifyEst: sPreds =
("A#3"."NAME"='INSTANCE') AND ("A#3"."VALUE"='UNUSED') AND
("A#3"."TASK_ID"="A#6"."ID") AND ("A#6"."ADVISOR_NAME" LIKE :B1) AND
("A#6"."NAME" LIKE :B2) AND (BITAND("A#6"."PROPERTY",6)=4) AND
("A#2"."TASK_ID"="A#6"."ID") AND ("A#2"."NAME"='DB_ID') AND
("J#1"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="J#1"."OWNER") AND ("A#4"."TASK_ID"="A#6"."ID") AND
("A#4"."NAME"='DAYS_TO_EXPIRE') AND
("JL#0"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="JL#0"."OWNER")
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=SUCCESS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.78
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER

```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=6 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2088930889  
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "J"@SEL\$2", "JL"@SEL\$1", "A"@SEL\$7") est=8.84  
est\_nav=0.23 adjfac=47.9864 new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new\_est=11.00  
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=44.5332  
new\_est=11.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=6 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=1070271986  
Vlstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7") est=0.23 est\_nav=0.23 adjfac=46.5337  
new\_est=10.67  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=10.67 est_nav=0.23
adjfac=3.3930 new_est=0.78
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vtstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vtstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vtstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vtstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
Vtstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=0.78
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vtstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
Vtstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=0.78
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vtstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vtstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vtstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vtstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vtstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vtstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=10.67 est_nav=0.23 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=10.67
est_nav=0.23 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=10.67
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=10.67 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.57
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2234998017
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=10.67 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5") est=10.67
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7") est=8.57
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.57 est_nav=0.23 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
V!status=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5") est=8.57
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
V!status=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
V!status=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2") est=8.57
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1558319047
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1558319047
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=6 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=10.67
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=10.67 est_nav=0.29
adjfac=4.2855 new_est=1.22
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=1.22
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
```



```
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=8.57 est_nav=0.23 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=8.57
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=8.57
est_nav=0.23 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=10.67 est_nav=0.29 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=10.67
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.57
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.22
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=1.22
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=8.84 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
```

```

kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=6 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=8.84
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=6 id=3429333559
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
      kkoatVerifyEst(exit)
        kkoatVerifyEst(enter)
          pass=6 id=2430910822
          kkoatGetPreds(enter)
            sPreds (15) =          nsPreds (0) =      kkoatGetPreds(exit)
          kkoatFindSampleTable(enter)
            kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=1
            kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
            kkoatFindSampleTable (E): canSamp=1 cdn=26 maxCard=26
            kkoatFindSampleTable (J): canSamp=0 cdn=26 maxCard=26
            kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=26
            kkoatFindSampleTable (JL): canSamp=0 cdn=16 maxCard=26
          kkoatFindSampleTable(exit): tab=E
          kkoatVerifyEst: sPreds =
("A#3"."NAME"='INSTANCE') AND ("A#3"."VALUE"='UNUSED') AND
("A#3"."TASK_ID"="A#6"."ID") AND ("A#6"."ADVISOR_NAME" LIKE :B1) AND
("A#6"."NAME" LIKE :B2) AND (BITAND("A#6"."PROPERTY",6)=4) AND
("A#6"."ID"="E#5"."TASK_ID") AND ("A#6"."ADVISOR_ID"="E#5"."ADVISOR_ID")
AND ("A#6"."LAST_EXEC_NAME"="E#5"."NAME") AND
("J#1"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="J#1"."OWNER") AND ("A#4"."TASK_ID"="A#6"."ID") AND
("A#4"."NAME"='DAYS_TO_EXPIRE') AND
("JL#0"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="JL#0"."OWNER")
          kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=SUCCESS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.23 (no adjustment)
          kkoatVerifyEst(exit)
            kkoatVerifyEst(enter)
              pass=6 id=2576977950
              kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2576977950
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=11.00 est_nav=0.29
adjfac=38.5691 new_est=11.00
            kkoatVerifyEst(exit)
              kkoatVerifyIdxAcc(enter)
                table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
                kkoatVerifyIdxAcc(exit): V!status=NLPREDS

```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=0.23 est_nav=0.23 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2") est=0.23
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=0.23
est_nav=0.23 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2188316883
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=0.23 est_nav=0.23 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=0.23
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1654845858
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=0.23 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1800912986
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
```



```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=0.29 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2") est=0.29
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7") est=8.84
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=0.23 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=993981341
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=6 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.22
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=1.22
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=8.84 est_nav=0.23
adjfac=3.3930 new_est=0.78
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=0.78
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=0.78
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2334384011
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.22
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
```



```
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=1.22
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=8.84
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1) est=8.84
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1) est=11.00 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

"J"@SEL\$2", "E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$7") est=8.84  
est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=6 id=256891728  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=256891728  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$7", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vistatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=6 id=71849249  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=71849249  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9") est=0.23 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new\_est=1.57  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619  
new\_est=1.57  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER

```
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=6 id=1070271986
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
    pass=6 id=2410674656
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=6 id=3186739620
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
    kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=1401381593
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1401381593
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1216339114
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=1216339114  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9") est=0.29 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new\_est=11.00  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332  
new\_est=11.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=6 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7") est=0.23 est\_nav=0.23 adjfac=46.5337  
new\_est=10.67  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS

```
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustement)
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@ "SEL$7", "A"@ "SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1255314465
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$11", "A"@ "SEL$9") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
```

```
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=10.67
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.57 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)

```

```
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.57
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=8.57
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=256891728
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
```

table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=6 id=71849249  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=71849249  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@ "SEL\$7", "A"@ "SEL\$5",  
"A"@ "SEL\$9") est=0.23 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new\_est=1.57  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619  
new\_est=1.57  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=6 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@ "SEL\$7", "A"@ "SEL\$5",  
"A"@ "SEL\$9", "A"@ "SEL\$11") est=0.23 est\_nav=0.23 adjfac=46.5337  
new\_est=10.67  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
```



```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=10.67
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.57 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=8.57
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.57
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=6 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=1070271986  
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11") est=0.23 est\_nav=0.23 adjfac=46.5337  
new\_est=10.67  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=6 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2410674656  
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11", "E"@SEL\$5") est=10.67 est\_nav=0.23 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=3186739620  
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$7", "A"@SEL\$5",

```
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=645552795
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=645552795
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1985955465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1985955465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5") est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2762020429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3760443166
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=3760443166  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"E"@SEL\$5", "J"@SEL\$2", "A"@SEL\$11") est=11.00 est\_nav=11.00 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=6 id=217916377  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=217916377  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
est=0.29 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=460510316  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=460510316  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"JL"@SEL\$1") est=0.29 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1800912986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2576977950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=8.84
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@ "SEL$7", "A"@ "SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=499485667
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=499485667
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"JL"@ "SEL$1") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1839888337
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1839888337
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2615953301
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2615953301
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=8.84 est_nav=8.84 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9") est=0.23 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000022F47FD8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=6 id=402958856
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=0.29
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=998422737
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000022F47FD8
kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=217916377
Vstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1558319047
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1558319047
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=6 id=1412251919  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=1412251919  
Vlstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "A"@SEL\$7") est=0.23 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new\_est=1.57  
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=6.3619  
new\_est=1.57  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=6 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2410674656  
Vlstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "A"@SEL\$7", "A"@SEL\$11") est=0.19 est\_nav=0.19 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2653268595  
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "A"@SEL\$7", "A"@SEL\$11", "JL"@SEL\$1") est=0.19  
est\_nav=0.19 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=3429333559  
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "A"@SEL\$7", "A"@SEL\$11", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=3186739620  
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "A"@SEL\$7", "A"@SEL\$11", "J"@SEL\$2") est=0.19  
est\_nav=0.19 adjfac=47.9864 new\_est=9.00  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=3429333559

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1654845858
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=0.23 est_nav=0.23 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=0.19
est_nav=0.19 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=0.23 est_nav=0.23 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=0.23
est_nav=0.23 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=0.23 est_nav=0.23 adjfac=37.4015
new_est=8.73
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=11.02 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.02
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=6 id=3429333559
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=11.02
est_nav=0.29 adjfac=47.9864 new_est=14.14
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=8.73 est_nav=0.23 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=11.02
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=8.73
est_nav=0.23 adjfac=38.5691 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=8.73 est_nav=0.23
adjfac=4.2855 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=1.26
est_nav=0.29 adjfac=47.9864 new_est=14.14
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=1.00
est_nav=0.23 adjfac=38.5691 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1800912986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=0.23 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11") est=0.19
est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=0.23 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7") est=0.29
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2") est=0.23
est_nav=0.23 adjfac=38.5691 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7") est=8.84
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11") est=9.00
est_nav=0.23 adjfac=38.5691 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=8.84 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=7.23
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=9.00 est_nav=0.23
adjfac=4.2855 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=1.26
est_nav=0.29 adjfac=47.9864 new_est=14.14
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=1.00
est_nav=0.23 adjfac=38.5691 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=11.00 est_nav=0.29
adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```



```
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=6 id=3575400687
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11") est=9.00
est_nav=0.23 adjfac=38.5691 new_est=9.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
    pass=6 id=71849249
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=71849249
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=0.19 est_nav=0.19 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=0.19
est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1654845858
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=0.23 est_nav=0.23 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=0.19
est_nav=0.19 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=0.23 est_nav=0.23 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=0.23
est_nav=0.23 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11") est=0.19 est_nav=0.19 adjfac=46.5337
new_est=8.73
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vİstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5") est=8.73 est_nav=0.19 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=8.73
est_nav=0.19 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=8.73
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=8.73 est_nav=0.19 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vİstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vİstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vİstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vİstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=8.73
est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=8.73
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
```

"A"@SEL\$7", "A"@SEL\$11", "J"@SEL\$2") est=8.73 est\_nav=0.19  
adjfac=3.3930 new\_est=0.64  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=6 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=3186739620  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "A"@SEL\$11", "J"@SEL\$2", "E"@SEL\$5") est=0.64  
est\_nav=0.19 adjfac=47.9864 new\_est=9.00  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=3429333559  
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "A"@SEL\$11", "J"@SEL\$2", "E"@SEL\$5", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2088930889  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "A"@SEL\$11", "J"@SEL\$2", "JL"@SEL\$1") est=0.64  
est\_nav=0.19 adjfac=47.9864 new\_est=9.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)



```
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=314443188
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=314443188
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=0.23 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11") est=0.19
est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=0.19 est_nav=0.19 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5") est=0.19
est_nav=0.19 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1090508152
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=0.23 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
V!status=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=847914213
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=847914213
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2") est=0.23 est_nav=0.23 adjfac=47.9864
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=11.00 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=9.00
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
  new_est=0.03
    kkoatVerifyEst(enter)
    pass=6 id=1846336950
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=9.00 est_nav=0.19
adjfac=3.3930 new_est=0.64
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=0.64
est_nav=0.19 adjfac=47.9864 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
V!status=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=0.64
est_nav=0.19 adjfac=47.9864 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1090508152
V!status=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=11.00 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
```



```
kkoatVerifyEst(enter)
pass=6 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11") est=9.00
est_nav=0.19 adjfac=47.9864 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.23 est_nav=0.23 adjfac=37.4015
new_est=8.73
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=11.02 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=11.02
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)

```

```
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=11.02
est_nav=0.29 adjfac=47.9864 new_est=14.14
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=8.73 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=11.02
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=8.73
est_nav=0.23 adjfac=38.5691 new_est=9.00
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=8.73 est_nav=0.23
adjfac=4.2855 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=1.26
est_nav=0.29 adjfac=47.9864 new_est=14.14
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=1.00
est_nav=0.23 adjfac=38.5691 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.29 est_nav=0.29 adjfac=46.5337
new_est=13.71
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=13.71 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=13.71
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=13.71
est_nav=0.29 adjfac=47.9864 new_est=14.14
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=13.71 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=13.71
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=13.71
est_nav=0.29 adjfac=47.9864 new_est=14.14
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=13.71 est_nav=0.29
adjfac=3.3930 new_est=1.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=1.00
est_nav=0.29 adjfac=47.9864 new_est=14.14
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=1.00
est_nav=0.29 adjfac=47.9864 new_est=14.14
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```



```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)

```

```
pass=6 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11") est=0.19 est_nav=0.19 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=0.19
est_nav=0.19 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1401381593
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=9.00 est_nav=9.00 (no adjustement)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=2.57 est_nav=2.57 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=3.24 est_nav=3.24 adjfac=46.5337
new_est=150.86
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=150.86 est_nav=3.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=150.86
est_nav=3.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=150.86
est_nav=3.24 adjfac=47.9864 new_est=155.57
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.29 est_nav=0.29 adjfac=46.5337
new_est=13.71
kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=2410674656
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=13.71 est_nav=0.29 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=13.71
est_nav=0.29 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",

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"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2") est=13.71  
est\_nav=0.29 adjfac=47.9864 new\_est=14.14  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=3429333559  
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=6 id=256891728  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=256891728  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$7", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=6 id=1255314465  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=1255314465  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$11") est=7.23 est\_nav=7.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$11", "A"@ "SEL$9") est=2.06 est_nav=2.06 adjfac=46.5337
new_est=96.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$11", "A"@ "SEL$9", "E"@ "SEL$5") est=96.00 est_nav=2.06 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=96.00
est_nav=2.06 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=6 id=3429333559
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
      VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
      "A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
      kkoatVerifyEst(exit)
        kkoatVerifyEst(enter)
          pass=6 id=3186739620
          kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
          VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
          "A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2") est=96.00
          est_nav=2.06 adjfac=47.9864 new_est=99.00
          kkoatVerifyEst(exit)
            kkoatVerifyEst(enter)
              pass=6 id=3429333559
              kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
              VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
              "A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
              kkoatVerifyEst(exit)
                kkoatVerifyIdxAcc(enter)
                  table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
                  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
                  type=SCAN
                  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                  kkoatVerifyIdxAcc(enter)
                    table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
                    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
                    type=FILTER
                    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                    kkoatVerifyIdxAcc(enter)
                      table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
                      kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
                      type=FILTER
                      kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                      kkoatVerifyEst(enter)
                        pass=6 id=217916377
                        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=217916377
                        VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
                        est=0.29 est_nav=0.29 (no adjustment)
                        kkoatVerifyEst(exit)
                          kkoatVerifyIdxAcc(enter)
                            table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
                            kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
                            type=SCAN
                            kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
                            kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
                            new_est=1.22
                            kkoatVerifyIdxAcc(enter)
                              table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=6 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=1216339114  
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11") est=0.23 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new\_est=11.00  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332  
new\_est=11.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=6 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=1070271986  
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7") est=0.29 est\_nav=0.29 adjfac=46.5337  
new\_est=13.71  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=1312865925  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=1312865925  
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1") est=13.71 est\_nav=0.29 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2088930889  
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2") est=13.71  
est\_nav=0.29 adjfac=47.9864 new\_est=14.14  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=13.71
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER

```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=71849249
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=6 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=0.19 est_nav=0.19 adjfac=46.5337
new_est=8.73
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=6 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1") est=8.73 est_nav=0.19 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=8.73
est_nav=0.19 adjfac=47.9864 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=8.73
est_nav=0.19 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.29 est_nav=0.29 adjfac=46.5337
new_est=13.71
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=13.71 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=13.71
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=13.71
est_nav=0.29 adjfac=47.9864 new_est=14.14
```



```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=0.19 est_nav=0.19 adjfac=46.5337
new_est=8.73
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=8.73 est_nav=0.19 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=8.73
est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=6 id=3429333559
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
      VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
      "A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
      kkoatVerifyEst(exit)
        kkoatVerifyEst(enter)
          pass=6 id=3186739620
          kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
          VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
          "A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=8.73
          est_nav=0.19 adjfac=47.9864 new_est=9.00
          kkoatVerifyEst(exit)
            kkoatVerifyEst(enter)
              pass=6 id=3429333559
              kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
              VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
              "A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
              kkoatVerifyEst(exit)
                kkoatVerifyEst(enter)
                  pass=6 id=645552795
                  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=645552795
                  VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
                  est=11.00 est_nav=11.00 (no adjustment)
                  kkoatVerifyEst(exit)
                    kkoatVerifyIdxAcc(enter)
                      table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
                      kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
                      type=SCAN
                      kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                      kkoatVerifyIdxAcc(enter)
                        table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
                        kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
                        type=FILTER
                        kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                        kkoatVerifyIdxAcc(enter)
                          table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
                          kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
                          type=SCAN
                          kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                          kkoatVerifyIdxAcc(enter)
                            table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
                            kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
                            type=FILTER
                            kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                            kkoatVerifyIdxAcc(enter)
                              table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
                              kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
                              type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1985955465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1985955465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5") est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2762020429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
```

```
pass=6 id=3760443166
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3760443166
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=9.00 est_nav=9.00 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=460510316
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=460510316
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1") est=0.29 est_nav=0.29 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1800912986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=9.00
est_nav=0.23 adjfac=38.5691 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=8.84
est_nav=0.23 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5",
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=499485667
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=499485667
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1839888337
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1839888337
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2615953301
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2615953301
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=8.84 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9") est=0.23 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000022F47FD8
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=7 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=7 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=242593939
```



```
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=7 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000027257518
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=7 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000027257518
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
```

```
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
jOP=0x0000000027257518
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
jOP=0x0000000027257518
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A500
  kkoatSetupQbCtx(exit): passNum=7 qbcDone=yes atDone=no
  pass=7 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=7 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=7 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30)
  kkoatVerifyEst(exit)
```

```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027257518
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=7 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2212994445
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3211417182
```

kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=7 id=3211417182  
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12", "DI"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=7 id=3026374703  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=7 id=3026374703  
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12", "DI"@SEL\$30", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=7 id=2250309739  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=7 id=2250309739  
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=3026374703  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=7 id=3026374703  
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12", "CO"@SEL\$12", "DI"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=1094949548  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=7 id=1094949548  
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=629997836  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=7 id=629997836  
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL\$12",  
"DI"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=872591775

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```



```
kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1194335542
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```



```
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027257518
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=7 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=7 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=7 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000022FA8040
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=7 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3026374703

```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
```

```

table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN

```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2435352218
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2968823243
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2007715800
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=7 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2435352218
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2192758279
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=852355609
```





```
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=7 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=7 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027257518
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=7 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1443378094
VEstatus=TABESTMISS estt!ype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1685972033
VEstatus=TABESTMISS estt!ype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=7 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=687549296
VEstatus=TABESTMISS estt!ype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1685972033
VEstatus=TABESTMISS estt!ype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=7 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=7 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=7 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027257518
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=7 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
pass=7 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=7 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31") est=27.53
est_nav=27.53 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000216FC058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=7 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=444955357
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
```



```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=57551460
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000216FC058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=6 id=402958856
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=998422737
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=998422737  
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL\$11") est=8.84  
est\_nav=8.84 adjfac=0.1131 new\_est=1.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SKIP\_SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131  
new\_est=1.00  
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58  
joP=0x0000000027257518  
kkoatRestoreJoinOrder(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=6 id=217916377  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=217916377  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER



```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1558319047
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1558319047
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=1412251919
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1412251919
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2188316883
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1654845858
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=6 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=3429333559  
Vstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2", "A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=6 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2653268595  
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "A"@SEL\$7", "JL"@SEL\$1", "A"@SEL\$11") est=7.11  
est\_nav=7.11 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=3429333559  
Vstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "A"@SEL\$7", "JL"@SEL\$1", "A"@SEL\$11", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new\_est=1.57  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=6.3619  
new\_est=1.57  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=6 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2410674656  
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "A"@SEL\$7", "A"@SEL\$11") est=7.11 est\_nav=7.11 (no  
adjustment)

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2334384011
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2430910822
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=6 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2576977950
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=8.84 est_nav=8.84
adjfac=4.2855 new_est=37.89
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1800912986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=7.11 est_nav=7.11 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2576977950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=2799335723
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=8.84 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
```



```
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=6 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2556741784
V!status=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=37.4015
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
V!status=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
V!status=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
V!status=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
      kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
      kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
      kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
        kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
    kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
      kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
      kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
      kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
        kkoatVerifyEst(enter)
pass=6 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1412251919
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2188316883
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03

```

```

    kkoatVerifyEst(enter)
    pass=6 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
    VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
    "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=7.11
    est_nav=7.11 adjfac=47.9864 new_est=341.00
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=6 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
    VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
    "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=6 id=1654845858
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1654845858
    VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
    "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
    adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=6 id=2430910822
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
    VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
    "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
    table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
    table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
    type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
    kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
    new_est=0.03
    kkoatVerifyEst(enter)
    pass=6 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
    VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
    "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=7.11
    est_nav=7.11 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=6 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
    VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
    "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
    table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
    type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57

```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=847914213
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=847914213
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```

    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=2188316883
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=7.11 est_nav=7.11 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=2430910822
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
pass=6 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
    kkoatVerifyEst(exit)

```

```
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1090508152
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=7.11 est_nav=7.11
adjfac=3.3930 new_est=24.11
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
  VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
  VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=314443188
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=314443188
  VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```



```
kkoatVerifyEst(enter)
pass=6 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=7.11 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1090508152
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```



```
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V_Istatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V_Istatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V_Istatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V_Istatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V_Istatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V_Istatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=993981341
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"J"@SEL$2", "E"@SEL$5") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=274.08 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=274.08
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=274.08
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=341.00 est_nav=8.84
adjfac=4.2855 new_est=37.89
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=847914213
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=847914213
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 adjfac=47.9864
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2188316883
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=341.00 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2430910822
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=341.00
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=341.00
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=6 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1090508152
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=341.00 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=341.00 est_nav=7.11
adjfac=3.3930 new_est=24.11
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@ "SEL$7", "A"@ "SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1412251919
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2188316883
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=6 id=1401381593
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1401381593
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
```



```
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5") est=8.84
est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2234998017
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1992404078
Vestatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7") est=0.24 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1070271986
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=6 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1255314465
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```



```
pass=6 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=6 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
```

```
pass=6 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=2410674656
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3429333559

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
  VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=256891728
  VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
  est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
  new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
  VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=71849249
  VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
```



```

    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=2556741784
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=6 id=2410674656
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",

```

```
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=6 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=1070271986  
Vlstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7") est=0.24 est\_nav=0.24 adjfac=46.5337  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=6 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2410674656  
Vlstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5") est=11.00 est\_nav=0.24 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2653268595  
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1") est=11.00  
est\_nav=0.24 (no adjustment)

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2088930889
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=6 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11") est=7.11 est\_nav=7.11 adjfac=46.5337  
new\_est=330.68  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=6 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2410674656  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11", "E"@SEL\$5") est=11.00 est\_nav=0.24 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$7", "A"@SEL\$5",

```
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1421617759
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1421617759
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2519426490
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2519426490
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2762020429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1") est=275.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1619
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9") est=221.03 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2373359362
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2373359362
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=101.2118 new_est=25.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=101.2118
new_est=25.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=2177446557
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2177446557
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2420040496
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2420040496
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1") est=275.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3517849227
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3517849227
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1992404078
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9") est=7.35 est_nav=0.29 adjfac=38.5691
new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2031379429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2031379429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=256891728
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1032956692
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1032956692
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1275550631
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1275550631
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027257518
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=7 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=7 id=776064964
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=7 id=242593939
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000027257518
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=7 id=1018658903
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
```

```
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000027257518
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$52271521 pass=7 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x0000000021816C58
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x0000000021816C58
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=7 id=242593939
```

```
kkoatVerifyEst: complete, qbName=SEL$44902B2C pass=7 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x00000000218168C0
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x00000000218168C0
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=7 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021731E20
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=7 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021731E20
  kkoatSaveJoinOrder(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000021731E20
  kkoatRestoreJoinOrder(exit)
```

```
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000021731E20
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=7 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=7 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=7 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000023207220
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=7 id=96526811
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=7 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=7 id=1871014512
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1871014512
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1436929481
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
Vestatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2435352218
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```



```
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2783780764
```



```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=7 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x000000002762C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=7 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1871014512
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1970400506
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2968823243
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```



```
kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=7 id=2007715800
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2007715800
    VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=7 id=2250309739
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
    VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=7 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
    VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=7 id=2783780764
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
    VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=7 id=852355609
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
    VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=7 id=852355609
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
    VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=7 id=852355609
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
    VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=7 id=852355609
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
    VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
    kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=1194335542
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=1436929481
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=2212994445
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=3211417182
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
    kkoatVerifyEst(exit)

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```

    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=2435352218
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=3211417182
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=852355609
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x000000002762C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=7 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=7 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=7 id=998422737
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000232023E8
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=L0 index=SCHEDULER$_LOBJ_UK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyIdxAcc(enter)
table=L0 index=SCHEDULER$_LOBJ_UK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyEst(enter)
pass=7 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=7 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=7 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=444955357
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=7 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
```



```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=7 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000232023E8
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=7 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=7 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=7 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@ "SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=27.53 (no adjustment)
kkoatRestoreJoinOrder(enter): qbCtxP=0x000000012F18840
joP=0x000000027374028
kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=CANDFRO
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=CANDFRO
kkoatVerifyEst(enter)
pass=7 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31,
"LO"@SEL$31)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31,
"LO"@SEL$31, "L"@SEL$31)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1443378094
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=687549296
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=591022485
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=7 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
```



```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1589445222
V!status=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=833616424
V!status=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@"SEL$31",
"PO"@"SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@"SEL$31",
"PO"@"SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
```



```
kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1401381593
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",

```

```
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7") est=0.24 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2234998017
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1") est=0.29 est_nav=0.29 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=0.29
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=0.24
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=6 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
```

```
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2653268595

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=6 id=2177446557
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2177446557
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"J"@SEL$2", "A"@SEL$9") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```



```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=3517849227
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"J"@SEL$2", "E"@SEL$5") est=11.00 est_nav=11.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
    kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=6 id=2031379429
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2031379429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"J"@SEL$2", "A"@SEL$7") est=8.84 est_nav=8.84 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=2420040496

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2420040496
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"J"@SEL$2", "JL"@SEL$1") est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2741784263
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2741784263
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5") est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2556741784
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2556741784  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"E"@SEL\$5", "A"@SEL\$9") est=0.29 est\_nav=0.29 adjfac=37.4015  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=3332806748  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=3332806748  
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"E"@SEL\$5", "A"@SEL\$9", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=6 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2410674656  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"E"@SEL\$5", "A"@SEL\$9", "A"@SEL\$7") est=8.84 est\_nav=0.24 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=3186739620  
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"E"@SEL\$5", "A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"E"@SEL\$5", "A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1") est=8.84  
est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=2799335723  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2799335723  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"E"@SEL\$5", "A"@SEL\$9", "JL"@SEL\$1") est=11.00 est\_nav=0.29 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=3575400687

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3517849227
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2595717135
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2595717135
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$9") est=0.24 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$9", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3371782099
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3371782099
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$9") est=0.24 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3614376038
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3614376038
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2838311074
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2838311074
  VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
  VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$9") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3614376038
  VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2984378202
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2984378202
  VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
  VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
```

```
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$9") est=0.29 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "A"@SEL$7") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3760443166
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3760443166
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2838311074
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2838311074
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
```

```
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$9") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3614376038
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```



```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2031379429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2031379429
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$9") est=0.24 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3371782099
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3371782099
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
```

```
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=8.84 est_nav=8.84
adjfac=31.1041 new_est=275.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$9") est=7.35 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=6 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3614376038
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=6 id=2273973368
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2273973368
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84
adjfac=1.2442 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2595717135
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2595717135
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9") est=0.24 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1992404078
Vestatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
```

```

    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
        kkoatVerifyEst(enter)
            pass=6 id=256891728
            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
        kkoatVerifyEst(exit)
            kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
        kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
        kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
        kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
        kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
        kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
        kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
        kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
        kkoatVerifyEst(enter)
            pass=6 id=1255314465
            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
        kkoatVerifyEst(exit)
            kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
        kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
        kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
            kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
        kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
        kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
            kkoatVerifyEst(enter)
                pass=6 id=1070271986
                kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
            kkoatVerifyEst(exit)
                kkoatVerifyEst(enter)
                    pass=6 id=1846336950
                    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2")
            kkoatVerifyEst(exit)
                kkoatVerifyIdxAcc(enter)

```



```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1401381593
Vstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1216339114
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
```

```
"A"@SEL$9", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=6 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
```

```
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2410674656

```



```
pass=6 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7") est=0.24 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```



```

    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=3332806748
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=6 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01 est_nav=0.24
adjfac=47.9864 new_est=11.34
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN

```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=6 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=1070271986
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=6 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1255314465
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)

```

```
pass=6 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=6 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=6 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
```



```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=2410674656
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3429333559

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=6 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11") est=7.11 est\_nav=7.11 adjfac=46.5337  
new\_est=330.68  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=6 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2410674656  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11", "E"@SEL\$5") est=11.00 est\_nav=0.24 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=3186739620  
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11", "E"@SEL\$5", "J"@SEL\$2")

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=6 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=6 id=3332806748
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
      VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
      kkoatVerifyEst(exit)
        kkoatVerifyEst(enter)
          pass=6 id=2799335723
          kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
          VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
          kkoatVerifyEst(exit)
            kkoatVerifyIdxAcc(enter)
              table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
              kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
              kkoatVerifyIdxAcc(enter)
                table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
                kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
                kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
                kkoatVerifyEst(enter)
                  pass=6 id=2653268595
                  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
                  VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
                  est_nav=0.24 (no adjustment)
                  kkoatVerifyEst(exit)
                    kkoatVerifyEst(enter)
                      pass=6 id=3575400687
                      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
                      VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
                      kkoatVerifyEst(exit)
                        kkoatVerifyIdxAcc(enter)
                          table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
                          kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
                          kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
                          kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=44.5332
                          new_est=11.00
                          kkoatVerifyIdxAcc(enter)
                            table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
                            kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
                            kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
                            kkoatVerifyEst(enter)
```

```
pass=6 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```



```
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
```

```
pass=6 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=6 id=1421617759
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1421617759
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2519426490
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1") est=275.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1619
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9") est=221.03 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2373359362
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2373359362
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=101.2118 new_est=25.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=101.2118
new_est=25.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=2177446557
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2177446557
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2420040496
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2420040496
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1") est=275.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3517849227
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5") est=275.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9") est=7.35 est_nav=0.29 adjfac=38.5691
new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2031379429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2031379429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1032956692
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1032956692
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=6 id=1275550631
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1275550631
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027374028
kkoatSaveJoinOrder(exit)
kkoatInitCtx(enter): ctxP=0x000007FF0D1B6078 roundNum=7
kkoatInitCtx(exit): timeSlice=3260
kkoatVerifyEst(enter)
pass=7 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=7 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=7 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000002176C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=7 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000002176C058
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbCP=0x000000001E56FD48
kkoatStatsCollectTab(enter): froP=0x0000000016EBED60
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EBED60
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016EBF1D0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17680 froP=0x0000000016EBF1D0
kkoatTabStatsVerify(exit): statState=OKAY
```



```
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E5610F0
kkoatStatsCollectTab(enter): froP=0x0000000016EC9548
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EC9548
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016EC9848
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17680 froP=0x0000000016EC9848
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E59AC98
kkoatStatsCollectTab: skip fro=000000001E59AC98
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$19 pass=7 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("WM"@SEL$19") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x000000002176C058
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x000000002176C058
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E52F0C8
  kkoatStatsCollectTab(enter): froP=0x000000001E52ECF0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17780 froP=0x000000001E52ECF0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=7 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
pass=7 id=2113250766
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2113250766
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1593508212
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1593508212
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WG"@SEL$17")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=7 id=598302687
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=598302687
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=402958856
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=402958856
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=998422737
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x000000002176C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1018658903
Vestatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2017081640
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=4130332406
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1428873322
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2027176009
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1842133530
Vestatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
```

```

"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS

```

```
kkoatVerifyEst(enter)
pass=7 id=3585495056
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3585495056
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "WMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17", "CMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3367578679
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3367578679
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```



```

table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER

```

```
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2519426490
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=4130332406
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$WINGRP_MEMBER_UQ type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$WINGRP_MEMBER_UQ type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1428873322
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$DEST_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$DEST_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$DEST_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$DEST_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2027176009
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1842133530
Vestatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1696066402
Vestatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3036469072
Vestatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=7 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=4130332406
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1428873322
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2027176009
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1842133530
Vestatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1696066402
Vestatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3036469072
Vestatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=7 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=4130332406
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$WINGRP_MEMBER_UQ type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$WINGRP_MEMBER_UQ type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1428873322
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2027176009
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3182536200
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_USER# estType=FILTER
```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3439427928
Vestatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1179023820
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2519426490
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2519426490
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1374367651
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1374367651
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=FILTER

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2967875863
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2967875863
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=786159333
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=786159333
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1784582070
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1784582070
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2027176009
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=4130332406
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1428873322
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=7 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=1696066402
VEstatus=PASSNUM esttype=JOIN prelen=8 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=7 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x000000002176C058
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E51B770
  kkoatStatsCollectTab(enter): froP=0x000000001E510370
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E510370
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E510660
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E510660
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E510B98
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17968 froP=0x000000001E510B98
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E515010
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E515010
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E515300
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E515300
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E5155F0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E5155F0
```



```
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E5158E0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E5158E0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E516148
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E516148
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E516448
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17780 froP=0x000000001E516448
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E516748
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17A68 froP=0x000000001E516748
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=7 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=7 id=776064964
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("D"@SEL$15")
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x000000002176C058
kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=7 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=7 id=1018658903
VEstatus=NOROWS estttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x000000002176C058
kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=7 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=7 id=776064964
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("D"@SEL$15")
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000273A1EC8
kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=7 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=7 id=1018658903
VEstatus=NOROWS estttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000273A1EC8
```

```
kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E4F9DA8
  kkoatStatsCollectTab(enter): froP=0x000000001E51BA80
kkoatStatsCollectTab: skip fro=000000001E51BA80
  kkoatStatsCollectTab(enter): froP=0x000000001E51BEE8
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001E51BEE8
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=7 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C280
jop=0x000000002176C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "AO"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=2017081640
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=1832039161
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=833616424
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=833616424
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=7 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "O"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

```

table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26", "AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=591022485
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=833616424

```

```
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=833616424
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=591022485
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=813380258
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=7 id=813380258
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("U"@SEL$26",
"O"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C280
jopP=0x000000002176C058
    kkoatSaveJoinOrder(exit)
      kkoatStatsCollect(enter): qbcP=0x000000001E575120
      kkoatStatsCollectTab(enter): froP=0x000000001E5F1308
      kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E5F1308
      kkoatTabStatsVerify(exit): statState=OKAY
      kkoatStatsCollectTab(exit)
        kkoatStatsCollectTab(enter): froP=0x000000001E5F1608
        kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E5F1608
        kkoatTabStatsVerify(exit): statState=OKAY
        kkoatStatsCollectTab(exit)
          kkoatStatsCollectTab(enter): froP=0x000000001E5F18F8
          kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E5F18F8
          kkoatTabStatsVerify(exit): statState=OKAY
          kkoatStatsCollectTab(exit)
            kkoatStatsCollectTab(enter): froP=0x000000001E5F1BE8
            kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E5F1BE8
            kkoatTabStatsVerify(exit): statState=OKAY
            kkoatStatsCollectTab(exit)
              kkoatStatsCollect(exit)
                kkoatVerifyEst(enter)
pass=7 id=776064964
                kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=7 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$28")
                kkoatVerifyEst(exit)
                  kkoatVerifyEst(enter)
pass=7 id=242593939
                  kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=7 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$28") est=0.02
est_nav=0.02 (no adjustment)
                  kkoatVerifyEst(exit)
                    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C558
jopP=0x000000002176C058
                    kkoatRestoreJoinOrder(exit)
                      kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
                      kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
                      kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
                      kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
                      kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
                      kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=7 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$28", "O"@SEL$28")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x000000002176C058
    kkoatSaveJoinOrder(exit)
      kkoatStatsCollect(enter): qbcP=0x000000001E5742D0
      kkoatStatsCollectTab(enter): froP=0x000000001E54A028
      kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E54A028
      kkoatTabStatsVerify(exit): statState=OKAY
      kkoatStatsCollectTab(exit)
        kkoatStatsCollectTab(enter): froP=0x000000001E54A318
        kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E54A318
      kkoatTabStatsVerify(exit): statState=OKAY
      kkoatStatsCollectTab(exit)
      kkoatStatsCollect(exit)
        kkoatVerifyEst(enter)
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$23 pass=7 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("R01"@SEL$23")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ2 estType=SKIP_SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ5 estType=SKIP_SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x000000002176C058
    kkoatRestoreJoinOrder(exit)
      kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x000000002176C058
      kkoatSaveJoinOrder(exit)
        kkoatStatsCollect(enter): qbcP=0x000000001E5777B0
        kkoatStatsCollectTab(enter): froP=0x000000001E576D30
        kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E576D30
      kkoatTabStatsVerify(exit): statState=OKAY
      kkoatStatsCollectTab(exit)
      kkoatStatsCollect(exit)
        kkoatVerifyEst(enter)
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$24 pass=7 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO1"@SEL$24")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LO1 index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
```



```
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x000000002176C058
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x000000002176C058
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E576950
  kkoatStatsCollectTab(enter): froP=0x000000001E575FC8
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17C70 froP=0x000000001E575FC8
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=7 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$52271521 pass=7 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@ "SEL$21") est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x00000000217A7FD8
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x00000000217A7FD8
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E527948
  kkoatStatsCollectTab(enter): froP=0x000000001E5242B0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17968 froP=0x000000001E5242B0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=7 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$44902B2C pass=7 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@ "SEL$22")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x00000000217A7FD8
  kkoatRestoreJoinOrder(exit)
```

```
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x00000000217A7FD8
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E523EC8
    kkoatStatsCollectTab(enter): froP=0x000000001E520660
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001E520660
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
  pass=7 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
    kkoatVerifyIdxAcc: using access estimate for filter
    kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x00000000217A7FD8
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyEst(enter)
  pass=7 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=7 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x00000000217A7FD8
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E52D370
    kkoatStatsCollectTab(enter): froP=0x000000001E575430
    kkoatStatsCollectTab: skip fro=000000001E575430
    kkoatStatsCollectTab(enter): froP=0x000000001E575720
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E575720
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
```

```
kkoatStatsCollectTab(enter): froP=0x000000001E577AC0
kkoatStatsCollectTab: skip fro=000000001E577AC0
kkoatStatsCollectTab(enter): froP=0x000000001E527E18
kkoatStatsCollectTab: skip fro=000000001E527E18
kkoatStatsCollect(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
jop=0x00000000217A7FD8
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
jop=0x00000000217A7FD8
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x0000000016F10EB0
kkoatStatsCollectTab(enter): froP=0x0000000016F10AC8
kkoatStatsCollectTab: skip fro=0000000016F10AC8
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=7 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=7 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=7 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x00000000217A7FD8
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=7 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=872591775
```

kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=7 id=872591775  
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "DI2"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ1  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ2 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ2  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ2 estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=SYS\_ALIAS\_2 index=I\_OBJ2  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ4 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ4  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=7 id=2212994445  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=7 id=2212994445  
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "DI2"@SEL\$30", "JO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=7 id=3211417182  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=7 id=3211417182  
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "DI2"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS



```
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1194335542
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
```

```
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```



```
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x00000000217A7FD8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=7 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
pass=7 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
pass=7 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027308040
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=7 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3026374703

```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2968823243
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2192758279
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=7 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2435352218
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2192758279
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2435352218
Vestatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=7 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=852355609
```





```
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016F03598
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016F03888
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x0000000016F03888
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016F03B78
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016F03B78
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=7 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=7 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyEst(enter)
pass=7 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000217A7FD8
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyEst(enter)
pass=7 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
    pass=7 id=687549296
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
      kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
      kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
      kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
      kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
      kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
      kkoatVerifyEst(enter)
    pass=7 id=1685972033
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
    pass=7 id=4206451628
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
    pass=7 id=591022485
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
    pass=7 id=444955357
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
      kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
      kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
      kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
      kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
      kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
      kkoatVerifyEst(enter)
    pass=7 id=1443378094
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=7 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=7 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=7 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000217A7FD8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=7 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=7 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyEst(enter)
pass=7 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31") est=27.53
est_nav=27.53 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000274AC058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
pass=7 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
```



```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"L"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "LO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)

```

```
pass=7 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
```

```
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=591022485
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"L"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=444955357
Vlstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "LO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1443378094
Vlstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "LO"@ "SEL$31", "LCO"@ "SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=57551460
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=7 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
jopP=0x00000000274AC058
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x0000000016F019E0
  kkoatStatsCollectTab(enter): froP=0x000000001CFEFDE0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001CFEFDE0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016EF0320
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x0000000016EF0320
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016EF0610
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EF0610
  kkoatTabStatsVerify(exit): statState=OKAY
```



```
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016EF0960
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x0000000016EF0960
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016EF0C60
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17C70 froP=0x0000000016EF0C60
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=6 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x00000000217A7FD8
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@ "SEL$9", "A"@ "SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=6 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1992404078
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
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"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=0.24 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=0.29 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=0.29
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=0.24
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=2653268595
```





```
kkoatVerifyEst(enter)
pass=6 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=6 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=993981341
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=6 id=1992404078
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1992404078
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=6 id=3332806748
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=11.34 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=9.12 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=11.34 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=341.00 est_nav=8.84
adjfac=4.2855 new_est=37.89
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```



```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2188316883
Vlstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=274.08 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=6 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
    V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
    "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=274.08
    est_nav=7.11 adjfac=47.9864 new_est=341.00
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
        pass=6 id=2430910822
        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
        V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
        "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=274.08
        est_nav=7.11 (no adjustment)
        kkoatVerifyEst(exit)
          kkoatVerifyEst(enter)
            pass=6 id=2576977950
            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2576977950
            V!status=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
            "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=341.00 est_nav=8.84
            adjfac=38.5691 new_est=341.00
            kkoatVerifyEst(exit)
              kkoatVerifyIdxAcc(enter)
                table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
                kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
                type=SCAN
                kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
                kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=4.9481
                new_est=1.22
                kkoatVerifyIdxAcc(enter)
                  table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
                  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
                  type=FILTER
                  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
                  V!status=success est=0.25 (no adjustment)
                  kkoatVerifyEst(enter)
                    pass=6 id=847914213
                    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=847914213
                    V!status=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
                    "J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 adjfac=47.9864
                    new_est=341.00
                    kkoatVerifyEst(exit)
                      kkoatVerifyIdxAcc(enter)
                        table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
                        kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
                        type=SCAN
                        kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
                        kkoatVerifyIdxAcc(exit): V!status=success est=0.25 (no adjustment)
                        kkoatVerifyIdxAcc(enter)
                          table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
                          kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
                          type=FILTER
                          kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=341.00 est_nav=7.11
adjfac=3.3930 new_est=24.11
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=341.00 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=341.00
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=341.00
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1090508152
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=341.00 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=1558319047
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1558319047
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=37.4015
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2334384011
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=8.84 est_nav=8.84
adjfac=4.2855 new_est=37.89
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84
adjfac=38.5691 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```



```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1412251919
Vlstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
Vlstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
Vlstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vlstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2188316883
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2188316883
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2430910822
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=256891728
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=71849249
VEstatus=EXISTS estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=1401381593
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1401381593
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```



```

table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN

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    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=2799335723
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=6 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3575400687

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7") est=0.24 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
```

```
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
      pass=6 id=3186739620
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=6 id=3429333559
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=PASSNUM esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=6 id=3575400687
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=6 id=2234998017
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1") est=0.29 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
      pass=6 id=2088930889
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=0.24
est_nav=0.24 adjfac=47.9864 new_est=11.34
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=6 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
```



kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=6 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=1070271986  
Vlstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9") est=0.24 est\_nav=0.24 adjfac=46.5337  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=6 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2410674656  
Vlstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9", "E"@SEL\$5") est=11.00 est\_nav=0.24 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2653268595  
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9", "E"@SEL\$5", "JL"@SEL\$1") est=11.00  
est\_nav=0.24 (no adjustment)

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=6 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=2653268595
```



```
pass=6 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=6 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
```



```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=6 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=6 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=6 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=6 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=6 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=6 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=6 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=1070271986  
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11") est=7.11 est\_nav=7.11 adjfac=46.5337  
new\_est=330.68  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=6 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=2410674656  
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11", "E"@SEL\$5") est=11.00 est\_nav=0.24 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=6 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=6 id=3186739620  
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11", "E"@SEL\$5", "J"@SEL\$2")

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=1421617759
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1421617759
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2519426490
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=6 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1") est=275.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=6 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1619
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=6 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9") est=221.03 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
```



```
kkoatVerifyEst(enter)
pass=6 id=2373359362
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2373359362
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=101.2118 new_est=25.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=101.2118
new_est=25.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=6 id=2177446557
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2177446557
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=2420040496
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2420040496
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1") est=275.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=6 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=3517849227
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1992404078
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9") est=7.35 est_nav=0.29 adjfac=38.5691
new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=6 id=2031379429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=2031379429
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=6 id=217916377
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=6 id=993981341
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=6 id=1236575280
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=6 id=256891728
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
```

```
pass=6 id=1032956692
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1032956692
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=6 id=1275550631
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=6 id=1275550631
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
jopP=0x00000000217A7FD8
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E57E420
kkoatStatsCollectTab(enter): froP=0x000000001E5616C8
kkoatStatsCollectTab: skip fro=000000001E5616C8
kkoatStatsCollectTab(enter): froP=0x000000001E562208
kkoatStatsCollectTab: skip fro=000000001E562208
kkoatStatsCollectTab(enter): froP=0x000000001F06B2A8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F06B2A8
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001F069200
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F069200
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001F067100
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F067100
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001F062BF0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17D70 froP=0x000000001F062BF0
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001F062EE8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F181A8 froP=0x000000001F062EE8
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
end kestsDoRounds() round error=0 msg=
kestsDoRounds() round=8
kkoatStatsCollectTab(enter): froP=0x000000001E516060
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E516060
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E5F1218
```

```
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E5F1218
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1D0C0
kkoatSetupQbCtx(exit): passNum=8 qbcDone=yes atDone=yes
pass=8 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=8 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=8 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001E55C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=8 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001E55C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NS0_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=8 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=8 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001F0E1DF0
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=8 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001F0E1DF0
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_2"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_2"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_2"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_2"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1CE78
kkoatSetupQbCtx(exit): passNum=8 qbcDone=yes atDone=yes
pass=8 id=776064964
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=8 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=8 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1CE78
joP=0x000000001F178040
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VListatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VListatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1018658903
```

```
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=8 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=8 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=2.36
est_nav=2.36 adjfac=0.4427 new_est=1.05
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=8 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=8 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=1.05 est_nav=1.05 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1CE78
joP=0x000000001F178040
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C0B8
  kkoatSetupQbCtx(exit): passNum=8 qbcDone=yes atDone=yes
  pass=8 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$9CF1E98E pass=8 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$33") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=SCHEDULER$_INSTANCE_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=8 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$9CF1E98E pass=8 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C0B8
joP=0x000000001F178040
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
```



```

table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$9CF1E98E pass=8 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C0B8
joP=0x000000001F178040
kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C280
kkoatSetupQbCtx(exit): passNum=8 qbcDone=yes atDone=yes
pass=8 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U"@SEL$26")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=998422737
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$26")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("AO"@SEL$26")
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x0000000021544B38
kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)

```

```
kkoatVerifyEst(enter)
pass=8 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "AO"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=833616424
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=1774487701
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "O"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=2017081640
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1832039161
```

```
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26", "AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=591022485
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=833616424
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=833616424
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.03 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.03 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.03 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=591022485
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=813380258
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=813380258
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("U"@SEL$26",
"O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x0000000021544B38
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C558
  kkoatSetupQbCtx(exit): passNum=8 qbcDone=yes atDone=yes
pass=8 id=776064964
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=8 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$28")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=8 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$28") est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x0000000021544B38
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=8 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$28", "O"@SEL$28")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x0000000021544B38
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
```

```
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B8C8
kkoatSetupQbCtx(exit): passNum=8 qbcDone=yes atDone=yes
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$23 pass=8 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("R01"@SEL$23")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x0000000021544B38
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x0000000021544B38
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B9F8
kkoatSetupQbCtx(exit): passNum=8 qbcDone=yes atDone=yes
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$24 pass=8 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("L01"@SEL$24")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x0000000021544B38
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x0000000021544B38
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BB28
kkoatSetupQbCtx(exit): passNum=8 qbcDone=yes atDone=yes
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$21 pass=8 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BB28
joP=0x0000000021544B38
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BB28
joP=0x0000000021544B38
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BC58
kkoatSetupQbCtx(exit): passNum=8 qbcDone=yes atDone=yes
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$22 pass=8 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x0000000021544B38
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x0000000021544B38
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BD88
```

```
kkoatSetupQbCtx(exit): passNum=8 qbcDone=yes atDone=yes
pass=8 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000001F144028
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=8 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20")
kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=8 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"J1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"O1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=57551460
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1832039161
```

kkoatVerifyEst: complete, qbName=SEL\$20 pass=8 id=1832039161  
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL\$20",  
"JD1"@SEL\$20", "O1"@SEL\$20", "U1"@SEL\$20")  
kkoatVerifyEst(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88  
joP=0x000000001F144028  
kkoatSaveJoinOrder(exit)  
kkoatVerifyEst(enter)  
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A758  
kkoatSetupQbCtx(exit): passNum=8 qbcDone=yes atDone=yes  
pass=8 id=242593939  
kkoatVerifyEst: complete, qbName=SEL\$52271521 pass=8 id=242593939  
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL\$21") est=1.00  
est\_nav=1.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=RJ1 index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS  
kkoatVerifyIdxAcc(enter)  
table=RJ1 index=SCHEDULER\$\_JOB\_PK estType=FILTER  
kkoatVerifyIdxAcc: using access estimate for filter  
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS  
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A758  
joP=0x000000001F144028  
kkoatRestoreJoinOrder(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758  
joP=0x000000001F144028  
kkoatSaveJoinOrder(exit)  
kkoatVerifyEst(enter)  
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A898  
kkoatSetupQbCtx(exit): passNum=8 qbcDone=yes atDone=yes  
pass=8 id=242593939  
kkoatVerifyEst: complete, qbName=SEL\$44902B2C pass=8 id=242593939  
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL\$22")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=LJ1 index=SCHEDULER\$\_LWJOB\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO  
kkoatVerifyIdxAcc(enter)  
table=LJ1 index=SCHEDULER\$\_LWJOB\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO  
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A898  
joP=0x000000001F144028  
kkoatRestoreJoinOrder(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898  
joP=0x000000001F144028  
kkoatSaveJoinOrder(exit)  
kkoatVerifyEst(enter)  
pass=8 id=776064964  
kkoatVerifyEst: complete, qbName=SEL\$20 pass=8 id=776064964  
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@SEL\$20")  
kkoatVerifyEst(exit)  
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88  
joP=0x000000001F144028

```
kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=8 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=813380258
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): V1status=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): V1status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): V1status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): V1status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): V1status=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000001F144028
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A9D8
kkoatSetupQbCtx(exit): passNum=8 qbcDone=yes atDone=yes
pass=8 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=8 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=998422737
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=8 id=998422737
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyEst(enter)
pass=8 id=776064964
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=8 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=8 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("AO"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A9D8
joP=0x0000000021563F58
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1018658903
```

```
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=8 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "AO"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=8 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=8 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=833616424
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=8 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```



```
kkoatVerifyEst(enter)
pass=8 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=8 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("D"@SEL$26",
"O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=8 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"O"@SEL$26", "AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=8 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("D"@SEL$26",
"O"@SEL$26", "AO"@SEL$26", "U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=8 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"O"@SEL$26", "U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=8 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("D"@SEL$26",
"O"@SEL$26", "U"@SEL$26", "AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=591022485
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=8 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=833616424
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=8 id=833616424
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=8 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=8 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=8 id=813380258
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$26",
"O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A9D8
joP=0x0000000021563F58
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1ACB0
  kkoatSetupQbCtx(exit): passNum=8 qbcDone=yes atDone=yes
  pass=8 id=776064964
```

```
kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=8 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$28")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyEst(enter)
  pass=8 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=8 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$28") est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1ACB0
joP=0x0000000021563F58
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=8 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=8 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("D"@SEL$28",
"O"@SEL$28")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1ACB0
joP=0x0000000021563F58
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
  pass=8 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021563F58
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyEst(enter)
  pass=8 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"J1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
```

```
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1055974197
VEstatus=PUSHPRED esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"O1"@SEL$20) est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=8 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1055974197
VEstatus=PUSHPRED esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=57551460
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=57551460
VEstatus=PUSHPRED esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021563F58
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=8 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=8 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=8 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000022FF7FD8
  kkoatRestoreJoinOrder(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=8 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000022FF7FD8
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1AE78
kkoatSetupQbCtx(exit): passNum=8 qbcDone=yes atDone=yes
pass=8 id=242593939
```

```
kkoatVerifyEst: complete, qbName=SEL$19 pass=8 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("WM"@SEL$19) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x000000002735C058
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x000000002735C058
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
    kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1AFA8
    kkoatSetupQbCtx(exit): passNum=8 qbcDone=no atDone=no
    pass=8 id=776064964
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U"@SEL$18)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyEst(enter)
    pass=8 id=2113250766
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2113250766
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("W"@SEL$17)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=8 id=1593508212
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1593508212
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WG"@SEL$17)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=598302687
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=598302687
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$17")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=402958856
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=402958856
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMU"@SEL$17")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMO"@SEL$17")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMU"@SEL$17")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMO"@SEL$17")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=998422737
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J1"@SEL$18")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$18")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtXP=0x0000000012F1AFA8
joP=0x000000002735C058
kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```

table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=4130332406
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

    kkoatVerifyIdxAcc (enter)
table=CMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc (exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc (enter)
table=CMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc (exit): VIstatus=NLPREDS
    kkoatVerifyEst (enter)
    pass=8 id=1696066402
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1696066402
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
    kkoatVerifyEst (exit)
    kkoatVerifyIdxAcc (enter)
table=WMO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc (exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc (enter)
table=WMO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc (exit): VIstatus=NLPREDS
    kkoatVerifyEst (enter)
    pass=8 id=3036469072
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
    kkoatVerifyEst (exit)
    kkoatVerifyIdxAcc (enter)
table=WMU index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc (exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc (enter)
table=WMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc (exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc (enter)
table=WMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc (exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc (enter)
table=WMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc (exit): VIstatus=NLPREDS
    kkoatVerifyEst (enter)
    pass=8 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
    kkoatVerifyEst (exit)
    kkoatVerifyIdxAcc (enter)
table=WMO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc (exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc (enter)
table=WMO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc (exit): VIstatus=NLPREDS
    kkoatVerifyEst (enter)
    pass=8 id=3182536200

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```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3182536200
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
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table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3585495056
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3585495056
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17", "CMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3367578679
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3367578679
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3182536200
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3182536200
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",

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"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER

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```
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2519426490
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1018658903
Vestatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2017081640
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$ WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$ WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=4130332406
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=4130332406
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$ WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$ WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$ WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$ WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1428873322
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$ DEST_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$ DEST_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$ DEST_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$ DEST_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2027176009
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1842133530
Vestatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1696066402
Vestatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3036469072
Vestatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```

table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN

```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=4130332406
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$WINGRP_MEMBER_UQ type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$WINGRP_MEMBER_UQ type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1428873322
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2027176009
```

kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=8 id=2027176009  
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL\$18",  
"O"@SEL\$18", "J1"@SEL\$18", "W"@SEL\$17", "WG"@SEL\$17", "D"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CMO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CMO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CMO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CMO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=1842133530  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=8 id=1842133530  
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL\$18",  
"O"@SEL\$18", "J1"@SEL\$18", "W"@SEL\$17", "WG"@SEL\$17", "D"@SEL\$17",  
"CMO"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CMU index=I\_USER# estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CMU index=I\_USER# estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CMU index=I\_USER2 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CMU index=I\_USER2 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=1696066402  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=8 id=1696066402  
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL\$18",  
"O"@SEL\$18", "J1"@SEL\$18", "W"@SEL\$17", "WG"@SEL\$17", "D"@SEL\$17",  
"CMO"@SEL\$17", "CMU"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=WMO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=WMO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=3036469072  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=8 id=3036469072  
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL\$18", "O"@SEL\$18",  
"J1"@SEL\$18", "W"@SEL\$17", "WG"@SEL\$17", "D"@SEL\$17", "CMO"@SEL\$17",  
"CMU"@SEL\$17", "WMO"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=WMU index=I\_USER# estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS

```

    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=8 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=8 id=2116467634
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=8 id=1018658903
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER

```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3182536200
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3036469072
```

```

kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2519426490
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1374367651
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1374367651
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"D"@SEL$17")

```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2967875863
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2967875863
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=786159333
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=786159333
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1784582070
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1784582070
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2027176009
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1842133530
Vestatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1018658903
Vestatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2017081640
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=4130332406
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=4130332406
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1428873322
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2027176009
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1842133530
Vestatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1696066402
Vestatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2116467634
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x000000002735C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B5C0
  kkoatSetupQbCtx(exit): passNum=8 qbcDone=yes atDone=no
  pass=8 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=8 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$15")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x000000002735C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=8 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
  kkoatVerifyEst(exit)
```



```
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x000000002735C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=8 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=8 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$15")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000276726B8
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=8 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=8 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000276726B8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$23 pass=8 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("R01"@SEL$23")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x000000002735C058
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x000000002735C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$24 pass=8 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L01"@SEL$24")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=L01 index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x000000002735C058
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x000000002735C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=8 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
jop=0x000000002735C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=8 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=8 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1832039161
VEstatus=TABESTMISS estttype=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000002735C058
kkoatSaveJoinOrder(exit)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F196E0
kkoatSetupQbCtx(exit): passNum=8 qbcDone=yes atDone=no
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x000000002735C058
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x000000002735C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F19810
kkoatSetupQbCtx(exit): passNum=8 qbcDone=yes atDone=no
pass=8 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1340402670
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=4148900168
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=4109924817
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=998422737
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=998422737
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=776064964
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=242593939
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x000000002735C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=8 id=1018658903
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3357484310
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3172441831
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3211417182
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2359061573
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=872591775
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=872591775
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2212994445
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
```



```

    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=8 id=2783780764
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=8 id=3114890371
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)

```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2929847892
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2783780764
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
Vstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=8 id=2968823243
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2968823243
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=8 id=2783780764
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)

```

```
pass=8 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=629997836
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=629997836
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1970400506
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1832039161
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3211417182
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=872591775
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2212994445
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```



```
pass=8 id=1241016676
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@ "SEL$30",
"J"@ "SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@ "SEL$30",
"J"@ "SEL$12", "CO"@ "SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@ "SEL$30",
"J"@ "SEL$12", "CO"@ "SEL$12", "JO"@ "SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2250309739
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2581419346
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2581419346
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2396376867
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2250309739
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2435352218
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@ "SEL$30",
"J"@ "SEL$12", "JO"@ "SEL$12", "JU"@ "SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2250309739
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@ "SEL$30",
"J"@ "SEL$12", "JO"@ "SEL$12", "JU"@ "SEL$12", "CO"@ "SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@ "SEL$30",
"J"@ "SEL$12", "JO"@ "SEL$12", "JU"@ "SEL$12", "CO"@ "SEL$12", "DI"@ "SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1582996609
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@ "SEL$30",
"JO"@ "SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=96526811
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@ "SEL$30",
"JU"@ "SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1436929481
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI2"@ "SEL$30",
"JU"@ "SEL$12", "JO"@ "SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@ "SEL$12", "CO"@ "SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2338825407
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2338825407
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2153782928
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2153782928
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2007715800
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2783780764
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2250309739
Vstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2192758279
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```



```

table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)

```

```

    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=8 id=1194335542
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=1018658903
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=2017081640
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=8 id=1832039161
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)

```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3357484310
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2359061573
Vstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1774487701
Vstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1589445222
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2929847892
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=8 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3026374703
```





```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2359061573
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1241016676
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2581419346
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2581419346
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=8 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1582996609
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=8 id=813380258
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=813380258
V!status=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=8 id=2153782928
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2153782928
V!status=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
      pass=8 id=2929847892
      kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2929847892
V!status=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
      kkoatVerifyEst(exit)
        kkoatVerifyEst(enter)
        pass=8 id=3172441831
        kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
V!status=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
        kkoatVerifyEst(exit)
          kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2396376867
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2338825407
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2338825407
Vstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2153782928
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2929847892
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3172441831
```



```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2396376867
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x000000002735C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=8 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1340402670
Vestatus=NOPREDS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=4148900168
Vestatus=NOPREDS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=4109924817
Vestatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=998422737
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=998422737
Vestatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=776064964
Vestatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x0000000027418040
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=8 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
```

```
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3357484310
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

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table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)

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```
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3211417182
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2359061573
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2212994445
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)

*** 2013-01-09 23:53:47.656
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
```



```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=8 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3114890371
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=8 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2929847892
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=8 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2783780764
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vestatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vestatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vestatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vestatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2968823243
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vestatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vestatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
```

```
pass=8 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=629997836
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=629997836
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1970400506
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1018658903
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3357484310
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3172441831
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3211417182
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2359061573
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=872591775
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=872591775
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2212994445
Vestatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1241016676
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1241016676
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1055974197
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2396376867
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2250309739
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2581419346
```

kkoatVerifyEst: complete, qbName=SEL\$20EAEDCE pass=8 id=2581419346  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL\$30",  
"J"@SEL\$12", "JO"@SEL\$12") est=25.00 est\_nav=25.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=2396376867  
kkoatVerifyEst: complete, qbName=SEL\$20EAEDCE pass=8 id=2396376867  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL\$30",  
"J"@SEL\$12", "JO"@SEL\$12", "CO"@SEL\$12") est=25.00 est\_nav=25.00 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_1 index=I\_USER# estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_1 index=I\_USER#  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_1 index=I\_USER# estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_1 index=I\_USER#  
type=FILTER  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_1 index=I\_USER2 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_1 index=I\_USER2  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_1 index=I\_USER2 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_1 index=I\_USER2  
type=FILTER  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=2250309739  
kkoatVerifyEst: complete, qbName=SEL\$20EAEDCE pass=8 id=2250309739  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL\$30",  
"J"@SEL\$12", "JO"@SEL\$12", "CO"@SEL\$12", "JU"@SEL\$12") est=25.00  
est\_nav=25.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3026374703

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2435352218
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2250309739
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
```

```
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1582996609
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=96526811
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1436929481
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=8 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=8 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2338825407
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2338825407
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustement)
kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=8 id=2007715800
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=2783780764
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=2250309739
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN

```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=8 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2192758279
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=8 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=8 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=8 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
```

```

    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=8 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=8 id=3114890371
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3114890371
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER

```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2929847892
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
Vstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1018658903
Vstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2017081640
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2017081640
VEstatus=EXISTS estttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1832039161
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3357484310
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```

table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1241016676
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1241016676
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2017081640
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1832039161

```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3357484310
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1055974197
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1832039161
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
```

```
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2396376867
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=8 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2581419346
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2581419346
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
```

```
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2396376867
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1582996609
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "DI"@SEL$30",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "DI"@SEL$30",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3172441831
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "DI"@SEL$30",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "DI"@SEL$30",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```



```
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2929847892
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "DI"@SEL$30",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
Vstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "DI"@SEL$30",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=8 id=813380258
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=8 id=1589445222
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2153782928
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2929847892
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
```

```

    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=8 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=8 id=2338825407
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2338825407
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=3114890371
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)

```

```
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2153782928
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=2929847892
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3172441831
Vstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=8 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
```

```
"CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19810
jop=0x0000000027418040
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F19C00
  kkoatSetupQbCtx(exit): passNum=8 qbcDone=yes atDone=no
  pass=8 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=8 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=8 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=8 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=8 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19C00
jop=0x000000002735C058
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyEst(enter)
  pass=8 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31", "LO"@SEL$31",
"LCO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=8 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=8 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```

table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1685972033

```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=8 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=8 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=8 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=8 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1774487701
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31,
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=8 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=8 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1871014512
Vestatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
Vestatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=8 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=8 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
```

```

    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyEst(enter)
    pass=8 id=1685972033
    kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=8 id=1832039161
    kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=8 id=1589445222
    kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
    kkoatVerifyIdxAcc(exit): V!status=success est=1.00 adjfac=22.0875
new_est=22.09
    kkoatVerifyEst(enter)
    pass=8 id=1018658903
    kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31", "PO"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=8 id=872591775
    kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31", "PO"@SEL$31",
"LO"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
    kkoatVerifyEst(enter)

```

```
pass=8 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```



```
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1832039161
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("L"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
  new_est=22.09
  kkoatVerifyEst(enter)
  pass=8 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=8 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=8 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=8 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=8 id=1685972033
    kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=96526811
    kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"PO"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=8 id=3963857689
    kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"LU"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=444955357
    kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER

```

```
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=8 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=8 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LO"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=591022485
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31,
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31,
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31,
"LO"@SEL$31, "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31,
"LO"@SEL$31, "L"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31,
"LO"@SEL$31, "L"@SEL$31, "LCO"@SEL$31, "PO"@SEL$31")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=8 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=57551460
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x000000002735C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=8 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=998422737
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=776064964
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x00000000231AC058
kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=8 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31, "LO"@SEL$31)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31)
kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccReUse(exit)
    kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
    kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
    kkoatVerifyIdxAccReUse(exit)
    kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=8 id=1871014512
    kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=8 id=1685972033
    kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)

```

```
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=872591775
Vlstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1871014512
Vlstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
Vlstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=444955357
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31", "LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31", "LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1774487701
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31", "PO"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31", "PO"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31, "LU"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=591022485
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("L"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
Vestatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1443378094
Vestatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31")
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)

```

```
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=96526811
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LO"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=3963857689
Vlstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@ "SEL$31",
"LU"@ "SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
```



```
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=57551460
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
Vestatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=96526811
Vestatus=CARTPROD esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=3963857689
Vestatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=444955357
Vestatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1443378094
Vestatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=4206451628
Vlstatus=CARTPROD esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=591022485
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=3963857689
Vlstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=444955357
Vlstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1443378094
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=687549296
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=591022485
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"L"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=3963857689
Vlstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=444955357
Vlstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "L"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$31 pass=8 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x00000000231AC058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000016E8AB58
  kkoatSetupQbCtx(exit): passNum=7 qbcDone=no atDone=no
  pass=7 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@ "SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@ "SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@ "SEL$7") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x000000002735C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=11.34 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1",
"A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=9.12 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5",
"JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2234998017
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=11.34 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=11.34
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5",
"A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=9.12
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.26
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
    pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=7 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=7 id=3575400687
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
      pass=7 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1",
"A"@SEL$7")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
      pass=7 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2",
"A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
```

"A"@SEL\$11", "A"@SEL\$7") est=0.24 est\_nav=0.24 adjfac=46.5337  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=1846336950  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "J"@SEL\$2") est=11.00 est\_nav=0.24  
adjfac=3.3930 new\_est=0.80  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=7 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=3186739620  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "J"@SEL\$2", "E"@SEL\$5") est=0.80  
est\_nav=0.24 adjfac=47.9864 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=3429333559  
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL\$9",  
"A"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7", "J"@SEL\$2", "E"@SEL\$5",  
"JL"@SEL\$1")  
kkoatVerifyEst(exit)

```
kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1",
"E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```



```
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2",
"E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=993981341
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=993981341
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=7 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=11.34 est_nav=0.29
adjfac=4.2855 new_est=1.26
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=9.12 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```



```
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5",
"JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=11.34 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.34
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=9.12
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=7 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=341.00 est_nav=8.84
adjfac=4.2855 new_est=37.89
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=274.08 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=274.08
est_nav=7.11 adjfac=47.9864 new_est=341.00
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1) est=274.08
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1) est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11) est=341.00
est_nav=8.84 adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=274.08
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=847914213
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=847914213
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 adjfac=47.9864
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=341.00 est_nav=7.11
adjfac=3.3930 new_est=24.11
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5",
"JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=341.00 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=341.00
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=341.00
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1090508152
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=341.00 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=341.00
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=341.00
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1236575280
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1236575280
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=7 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2234998017
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$11") est=341.00 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN

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```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
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"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11") est=341.00
est_nav=8.84 adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=274.08
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1090508152
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=274.08 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1558319047
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1558319047
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=7 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=37.4015
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)

```

```
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2",
"JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=341.00 est_nav=8.84
adjfac=4.2855 new_est=37.89
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
```



```
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7",
"JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=274.08 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
```

```
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=274.08
est_nav=7.11 adjfac=47.9864 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11",
"JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=274.08
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11") est=341.00
est_nav=8.84 adjfac=38.5691 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=274.08
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=1412251919
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1412251919
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=7 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustement)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2") est=0.24
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2",
"JL"@SEL$1")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1",
"J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=7.11 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
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"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1) est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1) est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2430910822
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1800912986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=8.84 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2") est=0.29
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=7 id=3429333559
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
      VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7",
"J"@SEL$2")
      kkoatVerifyEst(exit)
        kkoatVerifyEst(enter)
          pass=7 id=2576977950
          kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2576977950
          VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=8.84 est_nav=8.84
          adjfac=38.5691 new_est=341.00
          kkoatVerifyEst(exit)
            kkoatVerifyIdxAcc(enter)
              table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
              kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
              type=SCAN
              kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
              kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1306
              new_est=0.03
              kkoatVerifyIdxAcc(enter)
                table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
                kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
                type=FILTER
                kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
                kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
                new_est=0.03
                kkoatVerifyEst(enter)
                  pass=7 id=3575400687
                  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
                  VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11") est=341.00
                  est_nav=8.84 adjfac=38.5691 new_est=341.00
                  kkoatVerifyEst(exit)
                    kkoatVerifyIdxAcc(enter)
                      table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
                      kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
                      type=SCAN
                      kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
                      kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1306
                      new_est=0.03
                      kkoatVerifyIdxAcc(enter)
                        table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
                        kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
                        type=FILTER
                        kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
                        Vstatus=success est=0.25 (no adjustment)
                        kkoatVerifyEst(enter)
```

```
pass=7 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7") est=274.08
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=7.11 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11",
"J"@SEL$2")
kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=7 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2") est=7.11
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5",
"JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
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    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=2410674656
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2",
"JL"@SEL$1")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",

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"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=847914213
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2) est=7.11 est_nav=7.11 adjfac=47.9864
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=341.00 est_nav=7.11
adjfac=3.3930 new_est=24.11
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5",
"JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2188316883
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=341.00 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=341.00
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=341.00
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1090508152
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=341.00 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vestatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vestatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11") est=341.00
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=341.00
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1412251919
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=0.24
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2",
"JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2188316883
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=7.11 est_nav=7.11 (no
adjustement)
kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
    kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1625
new_est=0.04
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
    kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
    pass=7 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=7 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11",
"JL"@SEL$1")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=7 id=2430910822
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=7 id=1654845858
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
    kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03

```

```
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$7",
"A"@SEL$5", "A"@SEL$9", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1401381593
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=7 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=1216339114  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9") est=0.29 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new\_est=11.00  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332  
new\_est=11.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=7 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7") est=0.24 est\_nav=0.24 adjfac=46.5337  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1",
"J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
```



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kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)

```

```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=0.80 est_nav=0.24
adjfac=47.9864 new_est=11.34
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5",
"JL"@SEL$1")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=2088930889
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN

```

```

    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=2556741784
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=7 id=2410674656
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustement)

```

```

kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1",
"J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=8.84 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
    kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",

```

```
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2) est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2) est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=1.01 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```



```
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
```

```
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1992404078
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vestatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vestatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7") est=9.12 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5",
"JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=11.34 est_nav=0.29
adjfac=4.2855 new_est=1.26
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7",
"JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2234998017
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1") est=11.34 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=9.12
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=11.34
est_nav=0.29 adjfac=38.5691 new_est=11.34
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@ "SEL$5", "A"@ "SEL$11",
"A"@ "SEL$7") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@ "SEL$5", "A"@ "SEL$11",
"A"@ "SEL$7", "A"@ "SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
```

"A"@SEL\$7", "A"@SEL\$9", "JL"@SEL\$1") est=11.00 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=7 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "A"@SEL\$9", "JL"@SEL\$1", "E"@SEL\$5") est=11.00  
est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=3429333559  
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "A"@SEL\$9", "JL"@SEL\$1", "E"@SEL\$5",  
"J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=2088930889  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "A"@SEL\$9", "JL"@SEL\$1", "J"@SEL\$2") est=11.00  
est\_nav=0.24 adjfac=47.9864 new\_est=11.34  
kkoatVerifyEst(exit)



```
kkoatVerifyEst(enter)
pass=7 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=0.80 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "E"@SEL$5",
"JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2088930889
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=2595717135
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2595717135
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2410674656
```

```

kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9") est=0.24 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2") est=0.24 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2",
"JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2838311074
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2838311074
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=8.84 est_nav=8.84 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2653268595

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3614376038
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
```

```
pass=7 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=7 id=1255314465
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
      pass=7 id=1070271986
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$7",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```



kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=7 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=1216339114  
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=7 id=2556741784  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=2556741784  
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5") est=0.29 est\_nav=0.29 adjfac=37.4015  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2",
"A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1",
"A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF estttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF estttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2",
"E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=2088930889
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1",
"E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=7 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7",
"J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$7",
"A"@SEL$5", "A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2410674656

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```



```
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7",
"JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1",
"A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2",
"A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1070271986
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
```

```
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5",
"JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1",
"E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

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table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)

```

```
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
V!status=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2",
"E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1992404078
V!status=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=11.34 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```



```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
Vlstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=9.12 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vlstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL$9",
"A"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5",
"JL"@SEL$1")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=11.34 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=11.34
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=7 id=256891728
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=71849249
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=1070271986
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11") est=7.11 est\_nav=7.11 adjfac=46.5337  
new\_est=330.68  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=7 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=2410674656  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11", "E"@SEL\$5") est=11.00 est\_nav=0.24 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=3186739620  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11", "E"@SEL\$5", "J"@SEL\$2") est=11.00  
est\_nav=0.24 adjfac=47.9864 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=3429333559  
VEstatus=COSTCUTOFF esttype=JOIN prelen=7 tables=("A"@SEL\$7",

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"A"@SEL$5", "A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2",
"JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=645552795
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=645552795
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1421617759
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1421617759
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2762020429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5") est=275.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=3760443166
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3760443166
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=11.00 est_nav=11.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$9") est=0.29
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3614376038
Vestatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$9") est=8.84 est_nav=8.84
adjfac=38.5691 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$9", "A"@SEL$11") est=341.00
est_nav=8.84 adjfac=38.5691 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=7 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$9", "A"@SEL$7") est=274.08
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2615953301
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2615953301
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=8.84 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3614376038
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```



kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=7 id=2430910822  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=2430910822  
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"J"@SEL\$2", "E"@SEL\$5", "A"@SEL\$7", "A"@SEL\$9") est=7.11 est\_nav=7.11  
(no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00  
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=7 id=2420040496  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=2420040496  
Vlstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"J"@SEL\$2", "A"@SEL\$11") est=275.00 est\_nav=11.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3760443166
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3760443166
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=275.00 est_nav=11.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$9") est=7.35
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3614376038
Vestatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$9") est=7.35 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1619
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2273973368
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2273973368
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=221.03 est_nav=8.84
adjfac=1.2442 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1619
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9") est=221.03 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=2576977950
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "E"@SEL$5") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
    kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
    kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
pass=7 id=3575400687

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "E"@SEL$5", "A"@SEL$11") est=341.00
est_nav=8.84 adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=274.08
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$11") est=341.00 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1090508152
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$7") est=274.08 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1619
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1275550631
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1275550631
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2615953301
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2615953301
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=221.03 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=7 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3614376038
Vestatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$9") est=177.65
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```

table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=460510316
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=460510316
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)

```



```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=341.00
est_nav=8.84 adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=256891728
```



```
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3614376038
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$7",
"A"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x000000002735C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=7 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=0.29
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): V!status=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=998422737
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): V!status=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x000000002732C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
```

```
pass=7 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=10.67
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=10.67 est_nav=0.29
adjfac=4.2855 new_est=1.22
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
```

```

kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatGetPreds(enter)
  sPreds (17) = nsPreds (0) = kkoatGetPreds(exit)
  kkoatFindSampleTable(enter)
  kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=1
  kkoatFindSampleTable (A): canSamp=1 cdn=11 maxCard=11
  kkoatFindSampleTable (A): canSamp=1 cdn=1 maxCard=11
  kkoatFindSampleTable (E): canSamp=1 cdn=26 maxCard=26
  kkoatFindSampleTable (J): canSamp=0 cdn=26 maxCard=26
  kkoatFindSampleTable (A): canSamp=1 cdn=9 maxCard=26
  kkoatFindSampleTable (JL): canSamp=0 cdn=16 maxCard=26
  kkoatFindSampleTable(exit): tab=E
  kkoatVerifyEst: sPreds =
("A#3"."NAME"='INSTANCE') AND ("A#3"."VALUE"='UNUSED') AND
("A#3"."TASK_ID"="A#6"."ID") AND ("A#6"."ADVISOR_NAME" LIKE :B1) AND
("A#6"."NAME" LIKE :B2) AND (BITAND("A#6"."PROPERTY",6)=4) AND
("A#2"."TASK_ID"="A#6"."ID") AND ("A#2"."NAME"='DB_ID') AND
("A#6"."ID"="E#5"."TASK_ID") AND ("A#6"."ADVISOR_ID"="E#5"."ADVISOR_ID")
AND ("A#6"."LAST_EXEC_NAME"="E#5"."NAME") AND
("J#1"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="J#1"."OWNER") AND ("A#4"."TASK_ID"="A#6"."ID") AND
("A#4"."NAME"='DAYS_TO_EXPIRE') AND
("JL#0"."JOB_NAME"='ADV_'||"A#6"."NAME") AND
("A#6"."OWNER_NAME"="JL#0"."OWNER")
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=SUCCESS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=1.22
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
est=8.84 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.57 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=8.57
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.57
est_nav=0.23 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.57 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=10.67 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=10.67
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
est=8.84 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=7 id=2653268595
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.57
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
est=8.57 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.22
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=1.22
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
```

"A"@SEL\$11", "J"@SEL\$2", "A"@SEL\$7") est=8.84 est\_nav=0.23  
adjfac=3.3930 new\_est=0.78  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=7 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=3186739620  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "J"@SEL\$2", "A"@SEL\$7", "E"@SEL\$5") est=0.78  
est\_nav=0.23 adjfac=47.9864 new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "J"@SEL\$2", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1")  
est=11.00 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=2088930889  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "J"@SEL\$2", "A"@SEL\$7", "JL"@SEL\$1") est=0.78  
est\_nav=0.23 adjfac=47.9864 new\_est=11.00  
kkoatVerifyEst(exit)

```
kkoatVerifyEst(enter)
pass=7 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=7 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=2088930889  
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "J"@SEL\$2", "JL"@SEL\$1", "A"@SEL\$7") est=8.84  
est\_nav=0.23 adjfac=47.9864 new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new\_est=11.00  
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=44.5332  
new\_est=11.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=7 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=1070271986  
Vlstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7") est=0.23 est\_nav=0.23 adjfac=46.5337  
new\_est=10.67  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=10.67 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=10.67 est_nav=0.23
adjfac=3.3930 new_est=0.78
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=0.78
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=0.78
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=10.67 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=10.67
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=10.67 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1458933053
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=10.67
  kkoatVerifyEst(exit)
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=10.67 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER

```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=7 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=2653268595  
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$7") est=8.57  
est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=3429333559  
Vlstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$7", "J"@SEL\$2")  
est=8.57 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=2234998017  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=2234998017  
Vlstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "J"@SEL\$2") est=10.67 est\_nav=0.29 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5") est=10.67
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7") est=8.57
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.57 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5") est=8.57
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
est=8.57 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2") est=8.57
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1558319047
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1558319047
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=7 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=10.67
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=10.67 est_nav=0.29
adjfac=4.2855 new_est=1.22
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=1.22
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
est=8.84 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=8.57 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=8.57
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=8.57
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.57 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=10.67 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```



```
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=10.67
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
est=8.84 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.57
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
est=8.57 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"E"@"SEL$5", "J"@"SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@"SEL$9", "A"@"SEL$5",
"E"@"SEL$5", "J"@"SEL$2", "A"@"SEL$11") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.22
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@"SEL$9", "A"@"SEL$5",
"E"@"SEL$5", "J"@"SEL$2", "A"@"SEL$11", "A"@"SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@"SEL$9", "A"@"SEL$5",
"E"@"SEL$5", "J"@"SEL$2", "A"@"SEL$11", "A"@"SEL$7", "JL"@"SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@"SEL$9", "A"@"SEL$5",
```

"E"@SEL\$5", "J"@SEL\$2", "A"@SEL\$11", "JL"@SEL\$1") est=1.22  
est\_nav=0.29 adjfac=38.5691 new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=7 id=2188316883  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=2188316883  
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "J"@SEL\$2", "A"@SEL\$7") est=8.84 est\_nav=0.23 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new\_est=0.04  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625  
new\_est=0.04  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=7 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=3186739620  
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "J"@SEL\$2", "A"@SEL\$7", "A"@SEL\$11") est=8.84  
est\_nav=0.23 adjfac=47.9864 new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=3429333559  
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "J"@SEL\$2", "A"@SEL\$7", "A"@SEL\$11", "JL"@SEL\$1")  
est=11.00 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=2430910822  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=2430910822  
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",

```
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=11.00 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1412251919
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=0.23 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2") est=0.23
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2653268595
```



```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1654845858
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=0.23 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2430910822
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1800912986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=0.29 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```



```
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2") est=0.29
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
est=8.84 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7") est=8.84
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=7 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=0.23 est_nav=0.23 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11") est=0.23
est_nav=0.23 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
est=0.23 est_nav=0.23 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=993981341
VEstatus=EXISTS estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1992404078
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.22
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=1.22
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=8.84 est_nav=0.23
adjfac=3.3930 new_est=0.78
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=0.78
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"J"@SEL\$2", "A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1")  
est=11.00 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=2088930889  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"J"@SEL\$2", "A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1") est=0.78  
est\_nav=0.23 adjfac=47.9864 new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=2234998017  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=2234998017  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"J"@SEL\$2", "A"@SEL\$11", "JL"@SEL\$1") est=11.00 est\_nav=0.29 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=7 id=3575400687  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=3575400687  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",

```
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
```



```
pass=7 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.22
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=1.22
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1625
new_est=0.04
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=8.84
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=7 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29
adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=71849249
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
```

```
kkoatVerifyEst(enter)
pass=7 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=10.67 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1401381593
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1216339114
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=10.67 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=217916377
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=10.67 est_nav=0.23 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustement)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=7 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1255314465
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=7 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
```

```
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=10.67 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=1216339114
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=1216339114  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11") est=0.29 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=7 id=2556741784  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=2556741784  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5") est=0.29 est\_nav=0.29 adjfac=37.4015  
new\_est=10.67  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vstatus=success est=0.25 (no adjustment)

```
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.57 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.57
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.57 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=8.57
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=256891728
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=256891728  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$7", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=7 id=71849249  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=71849249  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9") est=0.23 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new\_est=1.57  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619  
new\_est=1.57  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=7 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11") est=0.23 est\_nav=0.23 adjfac=46.5337  
new\_est=10.67  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS



```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=10.67 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=7 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN

```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=10.67
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.57 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=8.57
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.57
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.57 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=7 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=10.67 est_nav=0.23 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=645552795
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=645552795
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=11.00 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=1985955465
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1985955465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5") est=11.00 est_nav=11.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=2762020429
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
    kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=7 id=2576977950
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)

```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=3760443166
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3760443166
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=11.00 est_nav=11.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=460510316
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=460510316
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
```



```

    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=1800912986
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1800912986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=0.29 est_nav=0.29 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=2576977950
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2576977950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
pass=7 id=3575400687
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",

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"JL"@"SEL\$1", "E"@"SEL\$5", "J"@"SEL\$2", "A"@"SEL\$11") est=11.00  
est\_nav=0.29 adjfac=38.5691 new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306  
new\_est=0.03  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vistatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=7 id=2430910822  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=2430910822  
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@"SEL\$9", "A"@"SEL\$5",  
"JL"@"SEL\$1", "E"@"SEL\$5", "J"@"SEL\$2", "A"@"SEL\$7") est=8.84  
est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=7 id=256891728  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=256891728  
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@"SEL\$7", "A"@"SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=499485667  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=499485667  
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@"SEL\$7", "A"@"SEL\$5",  
"JL"@"SEL\$1") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1839888337
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1839888337
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2615953301
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2615953301
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=8.84 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
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"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$9") est=0.23 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=2430910822  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=2430910822  
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL\$7", "A"@SEL\$5",  
"JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$9", "J"@SEL\$2") est=0.23  
est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58  
joP=0x000000002732C058  
kkoatSaveJoinOrder(exit)  
kkoatVerifyEst(enter)  
pass=7 id=402958856  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=402958856  
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("A"@SEL\$5") est=0.11  
est\_nav=0.11 adjfac=100.0000 new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=1340402670  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=1340402670  
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("E"@SEL\$5")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=4148900168  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=4148900168  
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("A"@SEL\$7") est=8.84  
est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ ADV PARAMETERS\_PK estType=SKIP\_SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=success est=8.84 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ ADV PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=success est=8.84 (no adjustment)  
kkoatVerifyEst(enter)  
pass=7 id=4109924817  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=4109924817  
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("A"@SEL\$9") est=0.29  
est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ ADV PARAMETERS\_PK estType=SKIP\_SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=success est=8.84 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ ADV PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=success est=8.84 (no adjustment)  
kkoatVerifyEst(enter)  
pass=7 id=998422737  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=998422737  
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("A"@SEL\$11") est=8.84  
est\_nav=8.84 adjfac=0.1131 new\_est=1.00  
kkoatVerifyEst(exit)

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x000000002732C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@ "SEL$9", "A"@ "SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1558319047
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1558319047
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1412251919
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=0.19 est_nav=0.19 (no
adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=0.19
est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
est=0.19 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=0.23 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=0.19
est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
est=0.19 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2) est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
est=0.19 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2) est=0.23 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```



```
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
est=0.19 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
```

```
kkoatVerifyEst(enter)
pass=7 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=0.23 est_nav=0.23 adjfac=37.4015
new_est=8.73
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=11.02 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.02
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=11.02 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=11.02
est_nav=0.29 adjfac=47.9864 new_est=14.14
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=8.73 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=11.02
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
est=11.02 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=8.73
est_nav=0.23 adjfac=38.5691 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
est=11.37 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=8.73 est_nav=0.23
adjfac=4.2855 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=1.26
est_nav=0.29 adjfac=47.9864 new_est=14.14
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=1.00
est_nav=0.23 adjfac=38.5691 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
est=11.37 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1800912986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=0.23 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11") est=0.19
est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
est=0.19 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
est=0.19 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=0.23 est_nav=0.23 (no
adjustement)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7") est=0.29
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2") est=0.23
est_nav=0.23 adjfac=38.5691 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
est=11.37 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2576977950
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7") est=8.84
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11") est=9.00
est_nav=0.23 adjfac=38.5691 new_est=9.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
```



```
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2188316883
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=8.84 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=7.23
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=9.00 est_nav=0.23
adjfac=4.2855 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=1.26
est_nav=0.29 adjfac=47.9864 new_est=14.14
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=1.00
est_nav=0.23 adjfac=38.5691 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=7 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=11.00 est_nav=0.29
adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11") est=9.00
est_nav=0.23 adjfac=38.5691 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
```

```
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=0.19 est_nav=0.19 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=0.19
est_nav=0.19 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
est=0.19 est_nav=0.19 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=0.23 est_nav=0.23 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=0.19
est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
est=0.19 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
est=0.19 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2188316883
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=0.23 est_nav=0.23 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=0.23
est_nav=0.23 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
est=0.19 est_nav=0.19 (no adjustement)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=7 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11") est=0.19 est_nav=0.19 adjfac=46.5337
new_est=8.73
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2410674656
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5") est=8.73 est_nav=0.19 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=8.73
est_nav=0.19 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=8.73 est_nav=0.19 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=8.73
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=8.73 est_nav=0.19 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=8.73
est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=8.73 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=8.73
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2") est=8.73 est_nav=0.19
adjfac=3.3930 new_est=0.64
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=0.64
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
```



```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=0.23 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11") est=0.19
est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
est=0.19 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=7 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
est=0.19 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=0.19 est_nav=0.19 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
  kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$7", "JL"@ "SEL$1", "A"@ "SEL$11", "E"@ "SEL$5") est=0.19
est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
V!status=EXISTS esttype=JOIN prelen=7 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$7", "JL"@ "SEL$1", "A"@ "SEL$11", "E"@ "SEL$5", "J"@ "SEL$2")
est=0.19 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$7", "JL"@ "SEL$1", "A"@ "SEL$11", "J"@ "SEL$2") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
est=9.00 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1090508152
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=0.23 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```



```
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
est=0.19 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=847914213
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=847914213
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2") est=0.23 est_nav=0.23 adjfac=47.9864
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=11.00 est_nav=0.23 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=9.00
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.23 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustement)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=1846336950
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=9.00 est_nav=0.19
adjfac=3.3930 new_est=0.64
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=0.64
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=0.64
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1090508152
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=11.00 est_nav=0.23 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.23 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1306
new_est=0.03
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11") est=9.00
est_nav=0.19 adjfac=47.9864 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.23 est_nav=0.23 adjfac=37.4015
new_est=8.73
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=11.02 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=11.02
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=11.02 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=11.02
est_nav=0.29 adjfac=47.9864 new_est=14.14
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=8.73 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=11.02
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
est=11.02 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=8.73
est_nav=0.23 adjfac=38.5691 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```



```
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
est=11.37 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=8.73 est_nav=0.23
adjfac=4.2855 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=1.26
est_nav=0.29 adjfac=47.9864 new_est=14.14
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=1.00
est_nav=0.23 adjfac=38.5691 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
est=11.37 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.29 est_nav=0.29 adjfac=46.5337
new_est=13.71
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=13.71 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=13.71
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=13.71 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=13.71
est_nav=0.29 adjfac=47.9864 new_est=14.14
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
```

"A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1") est=13.71 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=7 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5") est=13.71  
est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5", "J"@SEL\$2")  
est=13.71 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=2088930889  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2") est=13.71  
est\_nav=0.29 adjfac=47.9864 new\_est=14.14  
kkoatVerifyEst(exit)

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
est=14.14 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=13.71 est_nav=0.29
adjfac=3.3930 new_est=1.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=1.00
est_nav=0.29 adjfac=47.9864 new_est=14.14
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=1.00
est_nav=0.29 adjfac=47.9864 new_est=14.14
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
est=14.14 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11") est=0.19 est_nav=0.19 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=0.19
est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
```



```
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
est=0.19 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1401381593
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=9.00 est_nav=9.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=2.57 est_nav=2.57 (no adjustment)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@ "SEL$5", "A"@ "SEL$11",
"A"@ "SEL$9", "A"@ "SEL$7") est=3.24 est_nav=3.24 adjfac=46.5337
new_est=150.86
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@ "SEL$5", "A"@ "SEL$11",
```

```
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=150.86 est_nav=3.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=150.86
est_nav=3.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=150.86 est_nav=3.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=150.86
est_nav=3.24 adjfac=47.9864 new_est=155.57
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=155.57 est_nav=3.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.29 est_nav=0.29 adjfac=46.5337
new_est=13.71
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=13.71 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=13.71
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=13.71 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=13.71
est_nav=0.29 adjfac=47.9864 new_est=14.14
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=256891728
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
pass=7 id=1255314465
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1255314465
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=7.23 est_nav=7.23 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=7 id=1070271986
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=2.06 est_nav=2.06 adjfac=46.5337
new_est=96.00
    kkoatVerifyEst(exit)

```

```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=2410674656
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=96.00 est_nav=2.06 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=96.00
est_nav=2.06 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=96.00 est_nav=2.06 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=3186739620

```





```
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.29 est_nav=0.29 adjfac=46.5337
new_est=13.71
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=13.71 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=13.71
est_nav=0.29 adjfac=47.9864 new_est=14.14
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
est=14.14 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=13.71
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=13.71 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=71849249
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
```

```
"A"@SEL$9", "A"@SEL$11") est=0.19 est_nav=0.19 adjfac=46.5337
new_est=8.73
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1") est=8.73 est_nav=0.19 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=8.73
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=8.73
est_nav=0.19 (no adjustement)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=8.73 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.29 est_nav=0.29 adjfac=46.5337
new_est=13.71
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=13.71 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=13.71
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=13.71 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=13.71
est_nav=0.29 adjfac=47.9864 new_est=14.14
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=0.19 est_nav=0.19 adjfac=46.5337
new_est=8.73
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```



```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=8.73 est_nav=0.19 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=8.73
est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=8.73 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=8.73
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=645552795
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=645552795
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1985955465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1985955465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5") est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2576977950

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=3760443166
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3760443166
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=9.00 est_nav=9.00 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=460510316
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=460510316
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1") est=0.29 est_nav=0.29 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1800912986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03

```

```
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=7 id=3575400687
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
    Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
    "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=9.00
    est_nav=0.23 adjfac=38.5691 new_est=9.00
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
        table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
        kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
        type=SCAN
        kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
        kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1306
        new_est=0.03
          kkoatVerifyIdxAcc(enter)
            table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
            kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
            type=FILTER
            kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
            Vstatus=success est=0.25 (no adjustment)
            kkoatVerifyEst(enter)
              pass=7 id=2430910822
              kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
              Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
              "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=8.84
              est_nav=0.23 (no adjustment)
              kkoatVerifyEst(exit)
                kkoatVerifyIdxAcc(enter)
                  table=A index=WRI$_ADV_TASKS_PK estType=SCAN
                  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
                  type=SCAN
                  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
                  kkoatVerifyIdxAcc(enter)
                    table=A index=WRI$_ADV_TASKS_PK estType=FILTER
                    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
                    type=FILTER
                    kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
                    kkoatVerifyIdxAcc(enter)
                      table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
                      kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
                      type=FILTER
                      kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
                      kkoatVerifyEst(enter)
                        pass=7 id=256891728
                        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=256891728
                        Vstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
                        est=8.84 est_nav=8.84 (no adjustment)
                        kkoatVerifyEst(exit)
                          kkoatVerifyEst(enter)
                            pass=7 id=499485667
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=499485667
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=1839888337
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1839888337
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2615953301
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2615953301
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=8.84 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9") est=0.23 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x000000002732C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=8 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=8 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=8 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000023067518
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vlstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vlstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=8 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000023067518
kkoatSaveJoinOrder(exit)
```

```
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000023067518
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000023067518
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A500
kkoatSetupQbCtx(exit): passNum=8 qbcDone=yes atDone=no
pass=8 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=8 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12)
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=8 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000023067518
kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=8 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
```

```

    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=8 id=1436929481
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=2212994445
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=8 id=3211417182
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS

```

```
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2250309739
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=TABESTMISS esttpe=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttpe=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1094949548
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1094949548
VEstatus=SIMPJOIN esttpe=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=629997836
VEstatus=CARTPROD esttpe=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=872591775
VEstatus=SIMPJOIN esttpe=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=TABESTMISS esttpe=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=J index=SCHEMATA$JOB_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMATA$JOB_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEMATA$JOB_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMATA$JOB_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=8 id=3211417182
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=8 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=1871014512
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER

```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1970400506
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
Vestatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```



```
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=852355609
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000023067518
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=8 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=8 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=8 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=776064964
```



kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=8 id=776064964  
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL\$30) est=1.00  
est\_nav=1.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=242593939  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=8 id=242593939  
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL\$30)  
kkoatVerifyEst(exit)  
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500  
joP=0x000000002787C058  
kkoatRestoreJoinOrder(exit)  
kkoatVerifyEst(enter)  
pass=8 id=96526811  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=8 id=96526811  
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=872591775  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=8 id=872591775  
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "DI"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ1  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ2 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ2  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ2 estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=SYS\_ALIAS\_2 index=I\_OBJ2  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ4 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ4  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=2212994445  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=8 id=2212994445  
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "DI"@SEL\$30", "JO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=SCAN

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1436929481
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2435352218
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1094949548
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=629997836
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2968823243
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```



```
kkoatVerifyEst(enter)
pass=8 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1970400506
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2968823243
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=8 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2968823243
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
  VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
  VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
  VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2007715800
  VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2250309739
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=J index=SCHEMATA$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMATA$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEMATA$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMATA$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2435352218
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2007715800
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x000000002787C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F18840
  kkoatSetupQbCtx(exit): passNum=8 qbcDone=yes atDone=no
  pass=8 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=8 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=8 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=242593939
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x000000002305B800
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatVerifyEst(enter)
  pass=8 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=8 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=8 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=8 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=8 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=8 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=8 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x000000002305B800
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=8 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=8 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyEst(enter)
pass=8 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31") est=27.53
est_nav=27.53 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000021813F58
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
kkoatVerifyEst(enter)
pass=8 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1443378094
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=687549296
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1589445222
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=57551460
```



```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1443378094
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=687549296
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1589445222
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```

table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)

```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000021813F58
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=7 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1340402670
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=7 id=4148900168
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=4148900168
      VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
      est_nav=8.84 (no adjustment)
      kkoatVerifyEst(exit)
        kkoatVerifyIdxAcc(enter)
          table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
          kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
          kkoatVerifyIdxAcc(enter)
            table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
            kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
            kkoatVerifyEst(enter)
              pass=7 id=4109924817
              kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=4109924817
              VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
              est_nav=8.84 (no adjustment)
              kkoatVerifyEst(exit)
                kkoatVerifyIdxAcc(enter)
                  table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
                  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
                  kkoatVerifyIdxAcc(enter)
                    table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
                    kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
                    kkoatVerifyEst(enter)
                      pass=7 id=998422737
                      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=998422737
                      VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
                      est_nav=8.84 adjfac=0.1131 new_est=1.00
                      kkoatVerifyEst(exit)
                        kkoatVerifyIdxAcc(enter)
                          table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
                          kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
                          new_est=1.00
                          kkoatVerifyIdxAcc(enter)
                            table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
                            kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
                            new_est=1.00
                            kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
                            joP=0x000000002305B800
                            kkoatRestoreJoinOrder(exit)
                              kkoatVerifyIdxAcc(enter)
                                table=A index=WRI$_ADV_TASKS_PK estType=SCAN
                                kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
                                type=SCAN
                                kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                                kkoatVerifyIdxAcc(enter)
                                  table=A index=WRI$_ADV_TASKS_PK estType=FILTER
                                  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
                                  type=FILTER
                                  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1558319047
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1558319047
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2188316883
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1625
new_est=0.04
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```



```
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=7 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
    VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
    "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=7.11
    est_nav=7.11 adjfac=47.9864 new_est=341.00
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
        pass=7 id=3429333559
        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
        VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
        "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
        est=11.34 est_nav=0.24 (no adjustment)
        kkoatVerifyEst(exit)
          kkoatVerifyEst(enter)
            pass=7 id=1654845858
            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1654845858
            VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
            "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
            adjustment)
            kkoatVerifyEst(exit)
              kkoatVerifyEst(enter)
                pass=7 id=2430910822
                kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
                VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
                "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
                kkoatVerifyEst(exit)
                  kkoatVerifyIdxAcc(enter)
                    table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
                    kkoatVerifyIdxAcc(exit): V!status=NLPREDS
                    kkoatVerifyIdxAcc(enter)
                      table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
                      kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
                      type=FILTER
                      kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
                      kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
                      new_est=0.03
                      kkoatVerifyEst(enter)
                        pass=7 id=3429333559
                        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
                        VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
                        "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
                        est=7.11 est_nav=7.11 (no adjustment)
                        kkoatVerifyEst(exit)
                          kkoatVerifyIdxAcc(enter)
                            table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
                            kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
                            type=SCAN
                            kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
                            kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=6.3619
                            new_est=1.57
                            kkoatVerifyIdxAcc(enter)
```

```

table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)

```

```
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2334384011
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2576977950
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=8.84 est_nav=8.84
adjfac=4.2855 new_est=37.89
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1800912986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2430910822
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2576977950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=7 id=2799335723
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=8.84 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2556741784
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=37.4015
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```



```
pass=7 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=71849249
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2188316883
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
```

```
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=0.24 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=847914213
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=7.11 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1090508152
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=1846336950
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=7.11 est_nav=7.11
adjfac=3.3930 new_est=24.11
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=314443188
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=314443188
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1090508152
Vstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```

    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5") est=0.24
est_nav=0.24 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=2088930889
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57

```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=7 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2334384011
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2188316883
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=274.08 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=274.08
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=7 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
    VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
    "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=274.08
    est_nav=7.11 adjfac=47.9864 new_est=341.00
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
        pass=7 id=2576977950
        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2576977950
        VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
        "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=341.00 est_nav=8.84
        adjfac=38.5691 new_est=341.00
        kkoatVerifyEst(exit)
          kkoatVerifyIdxAcc(enter)
            table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
            kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
            type=SCAN
            kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
            kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
            kkoatVerifyIdxAcc(enter)
              table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
              kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
              type=FILTER
              kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
              kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
              new_est=0.03
                kkoatVerifyEst(enter)
                  pass=7 id=3332806748
                  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
                  VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
                  "J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=341.00 est_nav=8.84
                  adjfac=4.2855 new_est=37.89
                  kkoatVerifyEst(exit)
                    kkoatVerifyIdxAcc(enter)
                      table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
                      kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
                      type=SCAN
                      kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
                      kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
                      new_est=11.00
                        kkoatVerifyIdxAcc(enter)
                          table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
                          kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
                          type=FILTER
                          kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
                          Vistatus=success est=0.25 (no adjustment)
                          kkoatVerifyEst(enter)
                            pass=7 id=3186739620
                            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
                            VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=847914213
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=847914213
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 adjfac=47.9864
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
```



```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=341.00 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=341.00
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=341.00
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1090508152
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=341.00 est_nav=7.11 (no
adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=341.00 est_nav=7.11
adjfac=3.3930 new_est=24.11
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=1412251919
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2188316883
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
```

```
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1401381593
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=7 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
```



```
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1992404078
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=1992404078  
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=7 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=1846336950  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2", "A"@SEL\$7") est=0.24 est\_nav=0.24  
adjfac=3.3930 new\_est=0.80  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)

```
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ ADV_EXECS_PK
type=FILTER
```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)

```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=7 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=7 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=1216339114  
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new\_est=11.00  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332  
new\_est=11.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vistatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=7 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=1070271986  
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7") est=0.24 est\_nav=0.24 adjfac=46.5337  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN



```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1255314465
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=7 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=1216339114  
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=7 id=2556741784  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=2556741784  
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5") est=0.29 est\_nav=0.29 adjfac=37.4015  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$9", "A"@ "SEL$11", "E"@ "SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$9", "A"@ "SEL$11", "E"@ "SEL$5", "J"@ "SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=7 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
```

"A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1") est=11.00 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=7 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5") est=11.00 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=3429333559  
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=2088930889  
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_PK estType=SCAN

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=71849249
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=1070271986
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1421617759
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1421617759
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2519426490
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1") est=275.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1619
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9") est=221.03 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)

```

```
kkoatVerifyEst(enter)
pass=7 id=2373359362
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2373359362
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=101.2118 new_est=25.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=101.2118
new_est=25.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=2177446557
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2177446557
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2420040496
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2420040496
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1") est=275.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3517849227
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1992404078
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9") est=7.35 est_nav=0.29 adjfac=38.5691
new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2031379429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2031379429
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=7 id=1032956692
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1032956692
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1275550631
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1275550631
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x000000002305B800
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=8 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=8 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=8 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000002305B800
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=8 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000002305B800
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$52271521 pass=8 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A758
jOP=0x0000000027AEC058
kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758
jOP=0x0000000027AEC058
kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$44902B2C pass=8 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=CANDFRO
```

```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x0000000027AE6F28
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x0000000027AE6F28
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=8 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000027AE6AD8
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=8 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000027AE6AD8
kkoatSaveJoinOrder(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000027B0C058
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000027B0C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=8 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```



```
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
pass=8 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
pass=8 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027B0C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=8 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```

table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")

```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1094949548
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1094949548
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=629997836
Vestatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=872591775
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2968823243
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=8 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2968823243
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=8 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027B0C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=8 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=8 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=8 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30)
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027AF4028
kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=8 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2212994445
```

kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=8 id=2212994445  
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "DI"@SEL\$30", "JO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=3211417182  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=8 id=3211417182  
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "DI"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=3026374703  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=8 id=3026374703  
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "DI"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=1871014512  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=8 id=1871014512  
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "DI"@SEL\$30", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ1  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ2 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ2  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ2 estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=SYS\_ALIAS\_2 index=I\_OBJ2  
type=FILTER

```
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1094949548
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2212994445
```

kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=8 id=2212994445  
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "JO"@SEL\$12", "DI2"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=3211417182  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=8 id=3211417182  
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "JO"@SEL\$12", "DI2"@SEL\$30", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=3026374703  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=8 id=3026374703  
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "JO"@SEL\$12", "DI2"@SEL\$30", "J"@SEL\$12", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=2968823243  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=8 id=2968823243  
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3211417182

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2192758279
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2007715800
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2250309739
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=J index=SCHEMATA$JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMATA$JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEMATA$JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMATA$JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2192758279
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12,
"JO"@SEL$12, "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2435352218
Vestatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12,
"JO"@SEL$12, "J"@SEL$12, "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12,
"JO"@SEL$12, "J"@SEL$12, "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12,
"JO"@SEL$12, "J"@SEL$12, "DI2"@SEL$30, "DI"@SEL$30, "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2250309739
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=852355609
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027AF4028
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=8 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=8 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=8 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027B023C0
kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
pass=8 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=8 id=1685972033
```



```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=8 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1443378094
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=8 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=687549296
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1589445222
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=8 id=833616424
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027B023C0
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=8 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=8 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=8 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027218040
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
pass=8 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN

```

```
kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
  kkoatVerifyEst(enter)
  pass=8 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1685972033
V!status=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=4206451628
V!status=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=591022485
V!status=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=444955357
V!status=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1443378094
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=687549296
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1589445222
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
```



```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"L"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "LO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1443378094
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=687549296
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1589445222
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=833616424
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
```

```
pass=8 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027218040
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=7 id=402958856
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027A72C40
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1401381593
Vstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1216339114
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1992404078
Vstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
```



```
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7") est=0.24 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1") est=0.29 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=0.29
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=7 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2", "JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$7")  
est=9.12 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=7 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=2088930889  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2", "JL"@SEL\$1", "A"@SEL\$7") est=0.24  
est\_nav=0.24 adjfac=47.9864 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=7 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",

```
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=7 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```



```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1458933053
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2234998017
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=2799335723
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=3575400687
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
    kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=7 id=2653268595

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=2177446557
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2177446557
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"J"@SEL$2", "A"@SEL$9") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3517849227
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"J"@SEL$2", "E"@SEL$5") est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2031379429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2031379429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"J"@SEL$2", "A"@SEL$7") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2420040496

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2420040496
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"J"@SEL$2", "JL"@SEL$1") est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2741784263
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2741784263
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5") est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2556741784
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3517849227
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2595717135
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2595717135
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$9") est=0.24 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
est=0.24 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$9", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3371782099
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3371782099
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
```



```
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$9") est=0.24 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3614376038
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2838311074
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2838311074
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$9") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3614376038
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2984378202
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2984378202
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
Vlstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$9") est=0.29 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
Vlstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "A"@SEL$7") est=0.24
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vlstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3760443166
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3760443166
Vlstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2838311074
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2838311074
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$9") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3614376038
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=1255314465
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2031379429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2031379429
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$9") est=0.24 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3371782099
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3371782099
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=8.84 est_nav=8.84
adjfac=31.1041 new_est=275.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$9") est=7.35 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3614376038
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2273973368
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2273973368
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84
adjfac=1.2442 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=2595717135
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2595717135
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2410674656
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9") est=0.24 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
est=0.24 est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
```

```
pass=7 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=7 id=1255314465
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1255314465
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
      kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
      kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
      kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
      kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
      kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
      kkoatVerifyEst(enter)
        pass=7 id=1070271986
        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
        new_est=11.00
        kkoatVerifyEst(exit)
          kkoatVerifyEst(enter)
            pass=7 id=1846336950
            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
Vstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2")
            kkoatVerifyEst(exit)
              kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
              kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
              kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
              kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
              new_est=1.00
              kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
              kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
              kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
              kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
              new_est=0.03
              kkoatVerifyEst(enter)
                pass=7 id=1401381593
                kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1401381593
Vstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
                est=11.00 est_nav=11.00 (no adjustment)
                kkoatVerifyEst(exit)
                  kkoatVerifyIdxAcc(enter)
```

table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=7 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=1216339114  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9") est=0.29 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new\_est=11.00  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332  
new\_est=11.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=7 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7") est=0.24 est\_nav=0.24 adjfac=46.5337  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2653268595

```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=SIMPJOIN estttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1458933053
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
```

"A"@SEL\$9", "JL"@SEL\$1") est=0.29 est\_nav=0.29 adjfac=37.4015  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=7 id=1312865925  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=1312865925  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "JL"@SEL\$1", "A"@SEL\$7") est=8.84 est\_nav=0.24 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)

```
pass=7 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7") est=0.24 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=1216339114
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=1216339114  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new\_est=11.00  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332  
new\_est=11.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=7 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7") est=0.24 est\_nav=0.24 adjfac=46.5337  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS

```
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```



```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1255314465
  VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
  VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=1216339114
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=7 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
```

kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vistatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=7 id=71849249  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=71849249  
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9") est=7.11 est\_nav=7.11 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new\_est=1.57  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619  
new\_est=1.57  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=7 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=1070271986  
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11") est=7.11 est\_nav=7.11 adjfac=46.5337  
new\_est=330.68  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
```



kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=7 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=1216339114  
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=7 id=2556741784  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=2556741784  
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5") est=0.29 est\_nav=0.29 adjfac=37.4015  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=256891728
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=256891728  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$7", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=7 id=71849249  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=71849249  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9") est=7.11 est\_nav=7.11 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new\_est=1.57  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619  
new\_est=1.57  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=7 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11") est=7.11 est\_nav=7.11 adjfac=46.5337  
new\_est=330.68  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1421617759
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1421617759
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2519426490
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2762020429
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1") est=275.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=3517849227
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3517849227
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11") est=275.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)

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```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1619
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2334384011
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9") est=221.03 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2373359362
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2373359362
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=101.2118 new_est=25.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=101.2118
new_est=25.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=2177446557
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2177446557
VEstatus=EXISTS estttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2420040496
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2420040496
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3517849227
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=7 id=1992404078  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=1992404078  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$11", "A"@SEL\$9") est=7.35 est\_nav=0.29 adjfac=38.5691  
new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=7 id=2031379429  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=2031379429  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$11", "A"@SEL\$7") est=221.03 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=7 id=217916377  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=217916377  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=993981341

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1032956692
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1032956692
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1275550631
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1275550631
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027A72C40
  kkoatSaveJoinOrder(exit)
  kkoatInitCtx(enter): ctxP=0x000007FF0D1B6078 roundNum=8
  kkoatInitCtx(exit): timeSlice=3260
  kkoatVerifyEst(enter)
  pass=8 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=8 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=8 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000230DC058
kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=8 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000230DC058
kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E560AB8
kkoatStatsCollectTab(enter): froP=0x0000000016EBF2C0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EBF2C0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016EBF5C0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17680 froP=0x0000000016EBF5C0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E561A18
kkoatStatsCollectTab(enter): froP=0x0000000016EC97E0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EC97E0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016EC9AE0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17680 froP=0x0000000016EC9AE0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E59AC98
kkoatStatsCollectTab: skip fro=000000001E59AC98
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$19 pass=8 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("WM"@SEL$19) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
```

```
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): V!status=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x00000000230DC058
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x00000000230DC058
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E52F448
kkoatStatsCollectTab(enter): froP=0x000000001E52F0C0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17780 froP=0x000000001E52F0C0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=8 id=776064964
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=776064964
VEstatus=SUCCESS estttype=TABLE prelen=1 tables=("U"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): V!status=SUCCESS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): V!status=SUCCESS
kkoatVerifyEst(enter)
pass=8 id=2113250766
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2113250766
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1593508212
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1593508212
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=598302687
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=598302687
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=402958856
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=402958856
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("WMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1340402670
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("WMO"@SEL$17")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=8 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=998422737
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x00000000273B6DA0
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2017081640
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=4130332406
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1428873322
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1696066402
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3036469072
Vestatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3439427928
Vestatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3182536200
Vestatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3036469072
Vestatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3439427928
Vestatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3585495056
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3585495056
Vestatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17", "CMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3367578679
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3367578679
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3182536200
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

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table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "WMO"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2519426490
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2519426490
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)

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table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)

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table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",

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"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1696066402
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1696066402
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
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```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1842133530

```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=8 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1696066402
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=8 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=8 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
```

```
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2116467634
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=4130332406
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3182536200
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3036469072
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL$18", "O"@SEL$18",
"J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17", "CMO"@SEL$17",
"WMO"@SEL$17", "CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=8 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=8 id=1179023820
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=8 id=2519426490
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2519426490
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=8 id=1374367651
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1374367651
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"D"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=8 id=2967875863

```



```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2967875863
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=786159333
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=786159333
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1784582070
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1784582070
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1842133530
Vestatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1018658903
Vestatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2017081640
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=SCHEDULER$ WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$ WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$ WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$ WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=4130332406
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=4130332406
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$ WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$ WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$ WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$ WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=1428873322
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$ DEST_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$ DEST_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$ DEST_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$ DEST_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2027176009
```

kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=8 id=2027176009  
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL\$18",  
"O"@SEL\$18", "J1"@SEL\$18", "W"@SEL\$17", "WG"@SEL\$17", "D"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CMO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CMO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CMO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CMO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=1842133530  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=8 id=1842133530  
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL\$18",  
"O"@SEL\$18", "J1"@SEL\$18", "W"@SEL\$17", "WG"@SEL\$17", "D"@SEL\$17",  
"CMO"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CMU index=I\_USER# estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CMU index=I\_USER# estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CMU index=I\_USER2 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CMU index=I\_USER2 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=1696066402  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=8 id=1696066402  
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL\$18",  
"O"@SEL\$18", "J1"@SEL\$18", "W"@SEL\$17", "WG"@SEL\$17", "D"@SEL\$17",  
"CMO"@SEL\$17", "CMU"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=WMO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=WMO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=3036469072  
kkoatVerifyEst: complete, qbName=SEL\$5F3F0374 pass=8 id=3036469072  
VEstatus=PASSNUM esttype=JOIN prelen=9 tables=("U"@SEL\$18", "O"@SEL\$18",  
"J1"@SEL\$18", "W"@SEL\$17", "WG"@SEL\$17", "D"@SEL\$17", "CMO"@SEL\$17",  
"CMU"@SEL\$17", "WMO"@SEL\$17")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=WMU index=I\_USER# estType=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS

```
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=8 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
jobjP=0x00000000273B6DA0
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E51B8D0
kkoatStatsCollectTab(enter): froP=0x000000001E510928
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E510928
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E510C18
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E510C18
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E510F10
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17968 froP=0x000000001E510F10
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E515300
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E515300
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E5155F0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E5155F0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E5158E0
```

```
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E5158E0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E515D60
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E515D60
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E516360
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E516360
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E516660
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17780 froP=0x000000001E516660
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E516960
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17A68 froP=0x000000001E516960
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=8 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=8 id=776064964
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("D"@SEL$15")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000273B6DA0
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=8 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=8 id=1018658903
VEstatus=NOROWS estttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000273B6DA0
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=8 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=8 id=776064964
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("D"@SEL$15")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000277B1EC8
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=8 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=8 id=1018658903
VEstatus=NOROWS estttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
kkoatVerifyEst(exit)
```

```
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000277B1EC8
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E4F9FE8
kkoatStatsCollectTab(enter): froP=0x000000001E51BBE0
kkoatStatsCollectTab: skip fro=000000001E51BBE0
kkoatStatsCollectTab(enter): froP=0x000000001E51C260
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001E51C260
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=8 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=998422737
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x00000000273B6DA0
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "AO"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=2017081640
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=1832039161
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=833616424
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=833616424
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
```



```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "O"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=8 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=8 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=1589445222
V!status=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=1832039161
V!status=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26", "AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=591022485
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=591022485
V!status=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=833616424
```

```
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=833616424
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=591022485
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=813380258
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=8 id=813380258
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("U"@SEL$26",
"O"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C280
jopP=0x00000000273B6DA0
    kkoatSaveJoinOrder(exit)
      kkoatStatsCollect(enter): qbcP=0x000000001E5750F0
      kkoatStatsCollectTab(enter): froP=0x000000001E5F1508
      kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E5F1508
      kkoatTabStatsVerify(exit): statState=OKAY
      kkoatStatsCollectTab(exit)
        kkoatStatsCollectTab(enter): froP=0x000000001E5F1808
        kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E5F1808
        kkoatTabStatsVerify(exit): statState=OKAY
        kkoatStatsCollectTab(exit)
          kkoatStatsCollectTab(enter): froP=0x000000001E5F1AF8
          kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E5F1AF8
          kkoatTabStatsVerify(exit): statState=OKAY
          kkoatStatsCollectTab(exit)
            kkoatStatsCollectTab(enter): froP=0x000000001E5F1D80
            kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E5F1D80
            kkoatTabStatsVerify(exit): statState=OKAY
            kkoatStatsCollectTab(exit)
              kkoatStatsCollect(exit)
                kkoatVerifyEst(enter)
pass=8 id=776064964
                kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=8 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$28")
                kkoatVerifyEst(exit)
                  kkoatVerifyEst(enter)
pass=8 id=242593939
                  kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=8 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$28") est=0.02
est_nav=0.02 (no adjustment)
                  kkoatVerifyEst(exit)
                    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C558
jopP=0x00000000273B6DA0
                    kkoatRestoreJoinOrder(exit)
                      kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
                      kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
                      kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
                      kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
                      kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
                      kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=8 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$28", "O"@SEL$28")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x00000000273B6DA0
    kkoatSaveJoinOrder(exit)
      kkoatStatsCollect(enter): qbcP=0x000000001E5745E0
      kkoatStatsCollectTab(enter): froP=0x000000001E54A538
      kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E54A538
      kkoatTabStatsVerify(exit): statState=OKAY
      kkoatStatsCollectTab(exit)
        kkoatStatsCollectTab(enter): froP=0x000000001E54A828
        kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E54A828
        kkoatTabStatsVerify(exit): statState=OKAY
        kkoatStatsCollectTab(exit)
        kkoatStatsCollect(exit)
          kkoatVerifyEst(enter)
pass=8 id=242593939
          kkoatVerifyEst: complete, qbName=SEL$23 pass=8 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("R01"@SEL$23")
          kkoatVerifyEst(exit)
            kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ2 estType=SKIP_SCAN
            kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
            kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ5 estType=SKIP_SCAN
            kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
            kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x00000000273B6DA0
            kkoatRestoreJoinOrder(exit)
              kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x00000000273B6DA0
              kkoatSaveJoinOrder(exit)
                kkoatStatsCollect(enter): qbcP=0x000000001E577D18
                kkoatStatsCollectTab(enter): froP=0x000000001E577320
                kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E577320
                kkoatTabStatsVerify(exit): statState=OKAY
                kkoatStatsCollectTab(exit)
                kkoatStatsCollect(exit)
                  kkoatVerifyEst(enter)
pass=8 id=242593939
                  kkoatVerifyEst: complete, qbName=SEL$24 pass=8 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L01"@SEL$24")
                  kkoatVerifyEst(exit)
                    kkoatVerifyIdxAcc(enter)
table=L01 index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x00000000273B6DA0
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x00000000273B6DA0
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E576C98
  kkoatStatsCollectTab(enter): froP=0x000000001E576310
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17C70 froP=0x000000001E576310
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=8 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$52271521 pass=8 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@ "SEL$21") est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x00000000273B6DA0
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x00000000273B6DA0
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E527E60
  kkoatStatsCollectTab(enter): froP=0x000000001E524628
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17968 froP=0x000000001E524628
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=8 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$44902B2C pass=8 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@ "SEL$22")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x00000000273B6DA0
  kkoatRestoreJoinOrder(exit)
```

```
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x00000000273B6DA0
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E524240
    kkoatStatsCollectTab(enter): froP=0x000000001E520B10
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001E520B10
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
  pass=8 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x00000000273B6DA0
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=8 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x00000000273B6DA0
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E52D6E0
    kkoatStatsCollectTab(enter): froP=0x000000001E575400
    kkoatStatsCollectTab: skip fro=000000001E575400
    kkoatStatsCollectTab(enter): froP=0x000000001E5756F0
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E5756F0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
```

```
kkoatStatsCollectTab(enter): froP=0x000000001E520108
kkoatStatsCollectTab: skip fro=000000001E520108
kkoatStatsCollectTab(enter): froP=0x000000001E528170
kkoatStatsCollectTab: skip fro=000000001E528170
kkoatStatsCollect(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
jop=0x00000000273B6DA0
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
jop=0x00000000273B6DA0
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x0000000016F11200
kkoatStatsCollectTab(enter): froP=0x0000000016F10E18
kkoatStatsCollectTab: skip fro=0000000016F10E18
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=8 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=8 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=8 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x00000000273B6DA0
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=8 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=872591775
```

kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=8 id=872591775  
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "DI2"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ1  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ2 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ2  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ2 estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=SYS\_ALIAS\_2 index=I\_OBJ2  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ4 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ4  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=2212994445  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=8 id=2212994445  
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "DI2"@SEL\$30", "JO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=3211417182  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=8 id=3211417182  
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "DI2"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1194335542
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=8 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x00000000273B6DA0
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=8 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
pass=8 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
pass=8 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000021824028
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=8 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```



```

table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2968823243
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2192758279
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=8 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2435352218
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```



```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2192758279
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2435352218
Vestatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=8 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=852355609
```



```
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016F03888
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016F03B78
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x0000000016F03B78
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016F04040
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016F04040
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=8 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=8 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyEst(enter)
pass=8 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
jop=0x00000000273B6DA0
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyEst(enter)
pass=8 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=8 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
```



```
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
    pass=8 id=687549296
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=687549296
VEstatus=TABESTMISS estttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
      kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
      kkoatVerifyIdxAcc(exit): V!status=NLPREDS
      kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
      kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
      kkoatVerifyIdxAcc(exit): V!status=NLPREDS
      kkoatVerifyEst(enter)
        pass=8 id=1685972033
        kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1685972033
VEstatus=TABESTMISS estttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
        kkoatVerifyEst(exit)
          kkoatVerifyEst(enter)
            pass=8 id=4206451628
            kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=4206451628
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
            kkoatVerifyEst(exit)
              kkoatVerifyEst(enter)
                pass=8 id=591022485
                kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=591022485
VEstatus=CARTPROD estttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
                kkoatVerifyEst(exit)
                  kkoatVerifyEst(enter)
                    pass=8 id=444955357
                    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=444955357
VEstatus=TABESTMISS estttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
                    kkoatVerifyEst(exit)
                      kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
                      kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
                      kkoatVerifyIdxAcc(exit): V!status=NLPREDS
                      kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
                      kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
                      kkoatVerifyIdxAcc(exit): V!status=NLPREDS
                      kkoatVerifyEst(enter)
                        pass=8 id=1443378094
                        kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1443378094
VEstatus=TABESTMISS estttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=8 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=8 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=8 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000273B6DA0
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=8 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=8 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyEst(enter)
pass=8 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31") est=27.53
est_nav=27.53 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000023217FD8
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
pass=8 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@"SEL$31",
"LO"@"SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@"SEL$31",
"LO"@"SEL$31", "L"@"SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@"SEL$31",
"LO"@"SEL$31", "L"@"SEL$31", "LCO"@"SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=4206451628
Vlstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=591022485
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=444955357
Vlstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)

```

```
pass=8 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
```

```
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
```



```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=591022485
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=444955357
Vlstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1443378094
Vlstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=57551460
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=8 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
jop=0x0000000023217FD8
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x0000000016F01EE8
  kkoatStatsCollectTab(enter): froP=0x0000000016EF0380
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EF0380
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016EF0660
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x0000000016EF0660
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016EF09D0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EF09D0
  kkoatTabStatsVerify(exit): statState=OKAY
```

```
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016EF0CC0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x0000000016EF0CC0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016EF0FC0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17C70 froP=0x0000000016EF0FC0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=7 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x00000000273B6DA0
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@ "SEL$9", "A"@ "SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=7 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1992404078
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
```



```
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
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"A"@SEL\$11", "J"@SEL\$2", "A"@SEL\$7") est=0.24 est\_nav=0.24  
adjfac=3.3930 new\_est=0.80  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=7 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=3186739620  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "J"@SEL\$2", "A"@SEL\$7", "E"@SEL\$5") est=0.80  
est\_nav=0.24 adjfac=47.9864 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "J"@SEL\$2", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1")  
est=11.34 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=2088930889  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "J"@SEL\$2", "A"@SEL\$7", "JL"@SEL\$1") est=0.80  
est\_nav=0.24 adjfac=47.9864 new\_est=11.34  
kkoatVerifyEst(exit)

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kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2234998017
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=0.29 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=0.29
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=0.24
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2556741784
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1312865925
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=7 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=11.34 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=9.12 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=7 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=11.34 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=7 id=3332806748
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
    VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
    "J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=341.00 est_nav=8.84
    adjfac=4.2855 new_est=37.89
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
        table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
        kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
        type=SCAN
        kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
        kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=44.5332
        new_est=11.00
        kkoatVerifyIdxAcc(enter)
          table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
          kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
          type=FILTER
          kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
          V!status=success est=0.25 (no adjustment)
          kkoatVerifyEst(enter)
            pass=7 id=3186739620
            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
            VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
            "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=1.01
            est_nav=0.24 adjfac=47.9864 new_est=11.34
            kkoatVerifyEst(exit)
              kkoatVerifyEst(enter)
                pass=7 id=3429333559
                kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
                VEstatus=EXISTS estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
                "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
                est=11.34 est_nav=0.24 (no adjustment)
                kkoatVerifyEst(exit)
                  kkoatVerifyEst(enter)
                    pass=7 id=3575400687
                    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
                    VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
                    "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=1.26
                    est_nav=0.29 adjfac=38.5691 new_est=11.34
                    kkoatVerifyEst(exit)
                      kkoatVerifyIdxAcc(enter)
                        table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
                        kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
                        type=SCAN
                        kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
                        kkoatVerifyIdxAcc(exit): V!status=success est=0.25 (no adjustment)
                        kkoatVerifyIdxAcc(enter)
                          table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
                          kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
                          type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=274.08 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=274.08
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=274.08
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```



kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=7 id=847914213  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=847914213  
Vlstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"J"@SEL\$2", "A"@SEL\$7") est=7.11 est\_nav=7.11 adjfac=47.9864  
new\_est=341.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=7 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=1846336950  
Vlstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"J"@SEL\$2", "A"@SEL\$7", "A"@SEL\$11") est=341.00 est\_nav=7.11  
adjfac=3.3930 new\_est=24.11  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2188316883
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=341.00 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=341.00
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=341.00
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1090508152
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=341.00 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1236575280
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
```

"J"@SEL\$2", "JL"@SEL\$1") est=8.84 est\_nav=8.84 adjfac=38.5691  
new\_est=341.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=7 id=1558319047  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=1558319047  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)

```
pass=7 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=37.4015
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2334384011
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=8.84 est_nav=8.84
adjfac=4.2855 new_est=37.89
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1412251919
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2188316883
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```



```
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=7 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
    VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
    "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=7.11
    est_nav=7.11 adjfac=47.9864 new_est=341.00
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
        pass=7 id=3429333559
        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
        VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
        "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
        est=11.34 est_nav=0.24 (no adjustment)
        kkoatVerifyEst(exit)
          kkoatVerifyEst(enter)
            pass=7 id=2430910822
            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
            VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
            "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=7.11
            est_nav=7.11 (no adjustment)
            kkoatVerifyEst(exit)
              kkoatVerifyEst(enter)
                pass=7 id=1654845858
                kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1654845858
                VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
                "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
                adjustment)
                kkoatVerifyEst(exit)
                  kkoatVerifyIdxAcc(enter)
                    table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
                    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
                    type=SCAN
                    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
                    kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=6.3619
                    new_est=1.57
                    kkoatVerifyIdxAcc(enter)
                    table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
                    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
                    type=FILTER
                    kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
                    kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
                    new_est=0.03
                    kkoatVerifyEst(enter)
                      pass=7 id=2653268595
                      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
                      VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
                      "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=7.11
                      est_nav=7.11 (no adjustment)
                      kkoatVerifyEst(exit)
                        kkoatVerifyEst(enter)
                          pass=7 id=2430910822
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1401381593
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@ "SEL$5", "A"@ "SEL$11",
"A"@ "SEL$9", "A"@ "SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2410674656
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=7 id=2653268595
        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
          VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
          "A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
          est_nav=0.24 (no adjustment)
            kkoatVerifyEst(exit)
              kkoatVerifyEst(enter)
                pass=7 id=3429333559
                  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
                    VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
                    "A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
                    kkoatVerifyEst(exit)
                      kkoatVerifyEst(enter)
                        pass=7 id=3186739620
                          kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
                            VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
                            "A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
                            kkoatVerifyEst(exit)
                              kkoatVerifyEst(enter)
                                pass=7 id=1312865925
                                  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
                                    VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
                                    "A"@SEL$9", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
                                    adjustment)
                                      kkoatVerifyEst(exit)
                                        kkoatVerifyIdxAcc(enter)
                                          table=E index=WRI$_ADV_EXECS_PK estType=SCAN
                                            kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
                                            type=SCAN
                                              kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                                                kkoatVerifyIdxAcc(enter)
                                                  table=E index=WRI$_ADV_EXECS_PK estType=FILTER
                                                    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
                                                    type=FILTER
                                                      kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                                                        kkoatVerifyIdxAcc(enter)
                                                          table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
                                                            kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
                                                            type=SCAN
                                                              kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                                                                kkoatVerifyIdxAcc(enter)
                                                                  table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
                                                                    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
                                                                    type=FILTER
                                                                      kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                                                                        kkoatVerifyIdxAcc(enter)
                                                                          table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
```

```
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```



```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7") est=0.24 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER

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    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=7 id=3332806748
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=7 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01 est_nav=0.24
adjfac=47.9864 new_est=11.34
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=7 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",

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"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1") est=0.29 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=0.24
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=217916377
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=7 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1255314465
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=217916377
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=217916377  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=7 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=1216339114  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS

```
kkoatVerifyEst(enter)
pass=7 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```

table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=7 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=71849249
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=7 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

table=A index=WRI\$\_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=7 id=217916377  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=217916377  
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=7 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=1216339114  
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=7 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=7 id=2799335723
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=7 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```

kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)

```

```
kkoatVerifyEst(enter)
pass=7 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=7 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=3429333559
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=3429333559  
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=7 id=256891728  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=256891728  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$7", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vistatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=7 id=71849249  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=71849249  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9") est=7.11 est\_nav=7.11 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new\_est=1.57  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619  
new\_est=1.57  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=7 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11") est=7.11 est\_nav=7.11 adjfac=46.5337  
new\_est=330.68  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=7 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=2410674656  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11", "E"@SEL\$5") est=11.00 est\_nav=0.24 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=7 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=7 id=3186739620  
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11", "E"@SEL\$5", "J"@SEL\$2")

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kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1421617759
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1421617759
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2519426490
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1") est=275.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=7 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1619
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=7 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9") est=221.03 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)

```



```
kkoatVerifyEst(enter)
pass=7 id=2373359362
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2373359362
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=101.2118 new_est=25.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=101.2118
new_est=25.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=7 id=2177446557
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2177446557
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=2420040496
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2420040496
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1") est=275.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=7 id=3517849227
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5") est=275.00 est_nav=11.00 (no adjustment)
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
    pass=7 id=1992404078
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9") est=7.35 est_nav=0.29 adjfac=38.5691
new_est=11.34
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
    pass=7 id=2031379429
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=2031379429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=7 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=7 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=7 id=1032956692
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1032956692
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=7 id=1275550631
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=7 id=1275550631
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
jopP=0x00000000273B6DA0
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E57E420
kkoatStatsCollectTab(enter): froP=0x000000001E561CE8
kkoatStatsCollectTab: skip fro=000000001E561CE8
kkoatStatsCollectTab(enter): froP=0x000000001E562898
kkoatStatsCollectTab: skip fro=000000001E562898
kkoatStatsCollectTab(enter): froP=0x000000001F06B600
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F06B600
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001F069628
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F069628
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001F067658
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F067658
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001F062E88
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17D70 froP=0x000000001F062E88
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001F063180
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F181A8 froP=0x000000001F063180
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
end kestsDoRounds() round error=0 msg=
kestsDoRounds() round=9
kkoatStatsCollectTab(enter): froP=0x000000001E516060
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E516060
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E5F1218
```

```
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E5F1218
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1D0C0
kkoatSetupQbCtx(exit): passNum=9 qbcDone=yes atDone=yes
pass=9 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=9 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35) est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=9 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001E55C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=9 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35, "CO"@SEL$35)
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001E55C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NS0_1"@SEL$3CE29736, "E"@SEL$33)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=9 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=9 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001F0E1DF0
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=9 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001F0E1DF0
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_2"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_2"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_2"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_2"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1CE78
kkoatSetupQbCtx(exit): passNum=9 qbcDone=yes atDone=yes
pass=9 id=776064964
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=9 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=9 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1CE78
joP=0x000000001F108040
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1018658903
```





```

table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$9CF1E98E pass=9 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C0B8
joP=0x000000001F108040
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C280
  kkoatSetupQbCtx(exit): passNum=9 qbcDone=yes atDone=yes
pass=9 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x0000000021544B38
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)

```

```
kkoatVerifyEst(enter)
pass=9 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "AO"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=833616424
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=1774487701
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "O"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=2017081640
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=1832039161
```

```
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26", "AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=591022485
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=833616424
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=833616424
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.03 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.03 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.03 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=591022485
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=813380258
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=813380258
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("U"@SEL$26",
"O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x0000000021544B38
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C558
  kkoatSetupQbCtx(exit): passNum=9 qbcDone=yes atDone=yes
pass=9 id=776064964
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=9 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$28")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=9 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$28") est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x0000000021544B38
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=9 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$28", "O"@SEL$28")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x0000000021544B38
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
```

```
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B8C8
kkoatSetupQbCtx(exit): passNum=9 qbcDone=yes atDone=yes
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$23 pass=9 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("R01"@SEL$23")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x0000000021544B38
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x0000000021544B38
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B9F8
kkoatSetupQbCtx(exit): passNum=9 qbcDone=yes atDone=yes
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$24 pass=9 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("L01"@SEL$24")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x0000000021544B38
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x0000000021544B38
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BB28
kkoatSetupQbCtx(exit): passNum=9 qbcDone=yes atDone=yes
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$21 pass=9 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BB28
joP=0x0000000021544B38
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BB28
joP=0x0000000021544B38
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BC58
kkoatSetupQbCtx(exit): passNum=9 qbcDone=yes atDone=yes
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$22 pass=9 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x0000000021544B38
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x0000000021544B38
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BD88
```

```
kkoatSetupQbCtx(exit): passNum=9 qbcDone=yes atDone=yes
pass=9 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@SEL$20)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021534028
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=9 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"U1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20)
kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=9 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"J1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"O1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=57551460
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1832039161
```

```
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021534028
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A758
kkoatSetupQbCtx(exit): passNum=9 qbcDone=yes atDone=yes
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$52271521 pass=9 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x0000000021534028
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x0000000021534028
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A898
kkoatSetupQbCtx(exit): passNum=9 qbcDone=yes atDone=yes
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$44902B2C pass=9 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x0000000021534028
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x0000000021534028
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=9 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021534028
```

```
kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=9 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=813380258
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): V1status=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): V1status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): V1status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): V1status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): V1status=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021534028
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A9D8
kkoatSetupQbCtx(exit): passNum=9 qbcDone=yes atDone=yes
pass=9 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=9 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=998422737
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=9 id=998422737
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyEst(enter)
pass=9 id=776064964
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=9 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=9 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("AO"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A9D8
joP=0x000000001F113F58
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=9 id=1018658903
```

```
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=9 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "AO"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=9 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=9 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=833616424
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=9 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```



```
kkoatVerifyEst(enter)
pass=9 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=9 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("D"@SEL$26",
"O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=9 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"O"@SEL$26", "AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=9 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("D"@SEL$26",
"O"@SEL$26", "AO"@SEL$26", "U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=9 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"O"@SEL$26", "U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=9 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("D"@SEL$26",
"O"@SEL$26", "U"@SEL$26", "AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=591022485
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=9 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=833616424
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=9 id=833616424
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=9 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=9 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=9 id=813380258
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$26",
"O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A9D8
joP=0x000000001F113F58
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1ACB0
  kkoatSetupQbCtx(exit): passNum=9 qbcDone=yes atDone=yes
  pass=9 id=776064964
```

```
kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=9 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$28")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=9 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$28") est=0.02
est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1ACB0
joP=0x000000001F113F58
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=9 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("D"@SEL$28",
"O"@SEL$28")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1ACB0
joP=0x000000001F113F58
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=9 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000001F113F58
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=9 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"J1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1832039161
VEstatus=PUSH Pred esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1055974197
VEstatus=PUSH Pred esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1832039161
VEstatus=PUSHPRD esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"O1"@SEL$20) est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=9 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1055974197
VEstatus=PUSHPRED esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=57551460
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=57551460
VEstatus=PUSHPRED esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000001F113F58
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=9 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=9 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=9 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000272B7FD8
  kkoatRestoreJoinOrder(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=9 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000272B7FD8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1AE78
kkoatSetupQbCtx(exit): passNum=9 qbcDone=yes atDone=yes
pass=9 id=242593939
```

```
kkoatVerifyEst: complete, qbName=SEL$19 pass=9 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("WM"@SEL$19) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x00000000278BC058
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x00000000278BC058
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
    kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1AFA8
    kkoatSetupQbCtx(exit): passNum=9 qbcDone=no atDone=no
    pass=9 id=776064964
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U"@SEL$18)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyEst(enter)
    pass=9 id=2113250766
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2113250766
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("W"@SEL$17)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=9 id=1593508212
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1593508212
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WG"@SEL$17)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=598302687
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=598302687
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$17")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=402958856
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=402958856
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMU"@SEL$17")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMO"@SEL$17")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMU"@SEL$17")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMO"@SEL$17")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=998422737
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J1"@SEL$18")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$18")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x00000000278BC058
kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```

table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=4130332406
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
```

```

    kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=1696066402
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1696066402
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=3036469072
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3182536200
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```

table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3585495056
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3585495056
Vestatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3439427928
Vestatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17", "CMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3367578679
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3367578679
Vestatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```



```

    kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=3182536200
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3182536200
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=3036469072
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17", "CMU"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17",
)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=1179023820

```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2519426490
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=9 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1696066402
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1696066402
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

    kkoatVerifyEst(enter)
    pass=9 id=3036469072
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3036469072
    VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
    "O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
    "CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
    table=WMU index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
    table=WMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
    table=WMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
    table=WMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=9 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3439427928
    VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
    "O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
    "CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
    table=O index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
    table=O index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
    table=O index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
    table=O index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=9 id=1018658903
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1018658903
    VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
    "O"@SEL$18")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
    table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
    type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS

```

```

    kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=2017081640
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2017081640
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=4130332406
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=4130332406
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=1428873322
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1428873322
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)

```

```
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2027176009
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1842133530
Vestatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1696066402
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1696066402
Vestatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```

table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2116467634
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```



```
kkoatVerifyEst(enter)
pass=9 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1428873322
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEULER$_DEST_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEULER$_DEST_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2027176009
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1842133530
Vestatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3182536200
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3182536200
Vestatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
```

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"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER

```

```
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2519426490
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1374367651
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1374367651
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2967875863
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2967875863
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=786159333
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=786159333
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1784582070
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1784582070
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1428873322
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2027176009
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1842133530
Vestatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=1696066402
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1696066402
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=3036469072
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17",
)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=2116467634

```



```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x00000000278BC058
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
      kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B5C0
      kkoatSetupQbCtx(exit): passNum=9 qbcDone=yes atDone=no
      pass=9 id=776064964
      kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=9 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$15")
      kkoatVerifyEst(exit)
        kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000278BC058
      kkoatRestoreJoinOrder(exit)
        kkoatVerifyEst(enter)
          pass=9 id=1018658903
          kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=9 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
          kkoatVerifyEst(exit)
            kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000278BC058
          kkoatSaveJoinOrder(exit)
            kkoatVerifyEst(enter)
              pass=9 id=776064964
              kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=9 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$15")
              kkoatVerifyEst(exit)
                kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x0000000022FA26B8
              kkoatRestoreJoinOrder(exit)
                kkoatVerifyEst(enter)
                  pass=9 id=1018658903
                  kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=9 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
                  kkoatVerifyEst(exit)
                    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x0000000022FA26B8
                  kkoatSaveJoinOrder(exit)
                    kkoatVerifyEst(enter)
                      pass=9 id=242593939
                      kkoatVerifyEst: complete, qbName=SEL$23 pass=9 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("R01"@SEL$23")
                      kkoatVerifyEst(exit)
                        kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ2 estType=SKIP_SCAN
                        kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
                        kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ5 estType=SKIP_SCAN
                        kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
                        kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x00000000278BC058
```

```
kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x00000000278BC058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=9 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$24 pass=9 id=242593939
VEstatus=NOROWS estttype=TABLE prelen=1 tables=("LO1"@SEL$24")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO1 index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x00000000278BC058
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x00000000278BC058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=9 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=776064964
VEstatus=SUCCESS estttype=TABLE prelen=1 tables=("U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x00000000278BC058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1774487701
VEstatus=TABESTMISS estttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1589445222
VEstatus=TABESTMISS estttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1832039161
VEstatus=TABESTMISS estttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=591022485
```

```
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=591022485
VEstatus=SIMPJOIN esttpe=JOIN prelen=2 tables=("U1"@SEL$20",
"J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=833616424
VEstatus=TABESTMISS esttpe=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1832039161
VEstatus=TABESTMISS esttpe=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1589445222
VEstatus=TABESTMISS esttpe=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1832039161
VEstatus=TABESTMISS esttpe=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x00000000278BC058
  kkoatSaveJoinOrder(exit)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F196E0
  kkoatSetupQbCtx(exit): passNum=9 qbcDone=yes atDone=no
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x00000000278BC058
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x00000000278BC058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F19810
  kkoatSetupQbCtx(exit): passNum=9 qbcDone=yes atDone=no
  pass=9 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1340402670
VEstatus=NOPREDS esttpe=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=4148900168
VEstatus=NOPREDS esttpe=TABLE prelen=1 tables=("JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=4109924817
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=998422737
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30)
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x00000000278BC058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=9 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3357484310
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3357484310
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3211417182
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=872591775
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2212994445
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```



```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
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"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3114890371
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2968823243
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2968823243
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=629997836
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=629997836
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1970400506
Vestatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1018658903
Vestatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2017081640
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1832039161
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3172441831
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3211417182
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2359061573
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12")
```



```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2212994445
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1241016676
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)

```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2396376867
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2250309739
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2581419346
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2581419346
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2396376867
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2250309739
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2435352218
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2250309739
  Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
  "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12") est=25.00
  est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
  Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
  "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1582996609
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1582996609
  Vstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
  "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=96526811
  Vstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
  "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
  type=FILTER
  kkoatVerifyIdxAccDerive(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
  type=SCAN
  kkoatVerifyIdxAccDerive(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
  type=FILTER
  kkoatVerifyIdxAccDerive(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
  type=FILTER
  kkoatVerifyIdxAccDerive(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1436929481
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1436929481
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=9 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=9 id=2338825407
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2338825407
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
```



```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2192758279
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@ "SEL$12",
"JO"@ "SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@ "SEL$12",
"JO"@ "SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)

```

```
pass=9 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

```

table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3357484310
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3357484310
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)

```

```
pass=9 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
```

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```
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=9 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=9 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=9 id=1589445222
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1589445222
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=9 id=2929847892
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2929847892
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
      pass=9 id=3172441831
      kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
      kkoatVerifyEst(exit)
        kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3114890371
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=9 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=2116467634
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=1018658903
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=2017081640
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)

```



```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1832039161
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3357484310
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@ "SEL$30",
"DI"@ "SEL$30", "J"@ "SEL$12", "JO"@ "SEL$12", "CO"@ "SEL$12", "JU"@ "SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@ "SEL$30",
"DI"@ "SEL$30", "JO"@ "SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1241016676
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@ "SEL$30",
"J"@ "SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@ "SEL$30",
"J"@ "SEL$12", "CO"@ "SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2581419346
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2581419346
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2396376867
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1582996609
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2153782928
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2929847892
  VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
  "JO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
  VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
  "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
  table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
  type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
  table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
  type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
  table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
  type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
  table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
  type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
  VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
  "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
  est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2396376867
  VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("J"@SEL$12",
  "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=9 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustement)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2338825407
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2338825407
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustement)
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2153782928
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2929847892
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
Vstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2396376867
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x00000000278BC058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
```

```
pass=9 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=998422737
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x0000000027258040
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=9 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1832039161
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3211417182
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2359061573
Vstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=872591775
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=872591775
Vstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAccDerive(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAccDerive(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAccDerive(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2212994445
Vstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1774487701
```

kkoatVerifyEst: complete, qbName=SEL\$20EAEDCE pass=9 id=1774487701  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL\$30", "J"@SEL\$12")  
est=25.00 est\_nav=25.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=1589445222  
kkoatVerifyEst: complete, qbName=SEL\$20EAEDCE pass=9 id=1589445222  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL\$30", "J"@SEL\$12",  
"CO"@SEL\$12") est=25.00 est\_nav=25.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ1  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ1  
type=FILTER  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=2929847892  
kkoatVerifyEst: complete, qbName=SEL\$20EAEDCE pass=9 id=2929847892  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL\$30", "J"@SEL\$12",  
"CO"@SEL\$12", "JO"@SEL\$12") est=25.00 est\_nav=25.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_1 index=I\_USER# estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_1 index=I\_USER#  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_1 index=I\_USER# estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_1 index=I\_USER#  
type=FILTER  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_1 index=I\_USER2 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_1 index=I\_USER2  
type=SCAN



```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=9 id=2783780764
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=9 id=3114890371
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=9 id=2929847892
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=9 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2968823243
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=9 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=629997836
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=629997836
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=1970400506
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1970400506
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=1018658903
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=2017081640
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=9 id=1832039161
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN

```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=9 id=3172441831
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=9 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3357484310
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3211417182
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
```

```
pass=9 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@ "SEL$30",
"DI"@ "SEL$30", "JO"@ "SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=872591775
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@ "SEL$30",
"DI"@ "SEL$30", "JU"@ "SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2212994445
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI2"@ "SEL$30",
"DI"@ "SEL$30", "JU"@ "SEL$12", "JO"@ "SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1241016676
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@ "SEL$30",
"J"@ "SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
```



```
pass=9 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2250309739
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=9 id=2581419346
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2581419346
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=9 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2250309739
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2435352218
```

kkoatVerifyEst: complete, qbName=SEL\$20EAEDCE pass=9 id=2435352218  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL\$30",  
"J"@SEL\$12", "JO"@SEL\$12", "JU"@SEL\$12") est=25.00 est\_nav=25.00 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=2250309739  
kkoatVerifyEst: complete, qbName=SEL\$20EAEDCE pass=9 id=2250309739  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL\$30",  
"J"@SEL\$12", "JO"@SEL\$12", "JU"@SEL\$12", "CO"@SEL\$12") est=25.00  
est\_nav=25.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=3026374703  
kkoatVerifyEst: complete, qbName=SEL\$20EAEDCE pass=9 id=3026374703  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL\$30",  
"J"@SEL\$12", "JO"@SEL\$12", "JU"@SEL\$12", "CO"@SEL\$12", "DI"@SEL\$30")  
est=25.00 est\_nav=25.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=1582996609  
kkoatVerifyEst: complete, qbName=SEL\$20EAEDCE pass=9 id=1582996609  
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL\$30",  
"JO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=96526811  
kkoatVerifyEst: complete, qbName=SEL\$20EAEDCE pass=9 id=96526811  
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL\$30",  
"JU"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ1  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ2 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ2  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ2 estType=FILTER

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1436929481
Vestatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=813380258
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2153782928
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2007715800
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2783780764
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2250309739
Vstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2338825407
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2338825407
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=9 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=9 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=9 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2192758279
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```



```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1194335542
```

```

kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN

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```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2929847892
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3114890371
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3114890371
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2929847892
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1018658903
Vstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2017081640
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1832039161
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=9 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1241016676
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```



```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@ "SEL$30",
"J"@ "SEL$12", "DI"@ "SEL$30", "JO"@ "SEL$12", "CO"@ "SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@ "SEL$30",
"J"@ "SEL$12", "DI"@ "SEL$30", "JO"@ "SEL$12", "CO"@ "SEL$12", "JU"@ "SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@ "SEL$30",
"J"@ "SEL$12", "CO"@ "SEL$12") est=25.00 est_nav=25.00 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2581419346
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2581419346
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
```

```

kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2396376867
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN

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    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=9 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=1582996609
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=1774487701
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=9 id=1589445222

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```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "DI"@SEL$30",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "DI"@SEL$30",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
```



```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "DI"@SEL$30",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "DI"@SEL$30",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "DI"@SEL$30",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "DI"@SEL$30",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=813380258
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=1589445222
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2929847892
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
Vstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

```

table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2153782928
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2153782928
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2929847892
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)

```

```

    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=9 id=2338825407
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2338825407
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=3114890371
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=9 id=2929847892
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=3172441831
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER

```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2153782928
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=2929847892
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3172441831
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=9 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x0000000027258040
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F19C00
kkoatSetupQbCtx(exit): passNum=9 qbcDone=yes atDone=no
pass=9 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=998422737
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=776064964
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x00000000278BC058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=9 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31, "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=9 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
  new_est=22.09
  kkoatVerifyEst(enter)
  pass=9 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=9 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=9 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=9 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1774487701
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31,
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=9 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=9 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=9 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31, "PO"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LCO"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LU"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```

table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31", "PO"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=833616424
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=591022485
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("L"@SEL$31",
"LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1628420573

```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=9 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=9 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=9 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1871014512
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
```

```
kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=9 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=96526811
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
  new_est=22.09
  kkoatVerifyEst(enter)
  pass=9 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
```



```
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=9 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=9 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=9 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=4206451628
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x00000000278BC058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=9 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
```

```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x00000000271FC058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=9 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31", "LO"@SEL$31",
"LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31", "LO"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```

table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)

```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
Vestatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=872591775
Vestatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1871014512
Vestatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
```



```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31, "LCO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1774487701
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
```

```

    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
Vestatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1443378094
Vestatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccReUse(exit)
    kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
    kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
    kkoatVerifyIdxAcc(enter)

```

```
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=872591775
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=833616424
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=591022485
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("L"@SEL$31,
"LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31, "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
```



```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=687549296
    kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=1685972033
    kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=444955357
    kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```

    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=1443378094
    kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccReUse(exit)
    kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
    kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
    kkoatVerifyIdxAccReUse(exit)
    kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=1685972033
    kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccReUse(exit)
    kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
    kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER

```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=96526811
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=96526811
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
```

```
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```



```
kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=591022485
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=444955357
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@ "SEL$31", "L"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```

table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER

```

```
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31, "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```

table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=687549296
V!status=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
V!status=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN

```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=96526811
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LO"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@ "SEL$31",
"LU"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@ "SEL$31",
"LU"@ "SEL$31", "L"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=9 id=591022485
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"L"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "L"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "L"@ "SEL$31", "LCO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=4206451628
Vlstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=57551460
```



```
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=4206451628
Vlstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$31 pass=9 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x00000000271FC058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000016E8AB58
  kkoatSetupQbCtx(exit): passNum=8 qbcDone=yes atDone=no
  pass=8 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x00000000278BC058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1992404078
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1992404078  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "J"@SEL\$2") est=0.29 est\_nav=0.29 adjfac=38.5691  
new\_est=11.34

kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=3332806748

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3332806748  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "J"@SEL\$2", "E"@SEL\$5") est=11.34 est\_nav=0.29  
adjfac=4.2855 new\_est=1.26

kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new\_est=11.00  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332  
new\_est=11.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=9.12 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```



```
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=11.34 est_nav=0.29 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=11.34
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=9.12
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=8 id=2556741784
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=8 id=3332806748
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=8 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN

```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=993981341
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=8 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1992404078
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
```

"J"@SEL\$2", "A"@SEL\$11") est=8.84 est\_nav=8.84 adjfac=38.5691  
new\_est=341.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=3332806748  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3332806748  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"J"@SEL\$2", "A"@SEL\$11", "E"@SEL\$5") est=11.34 est\_nav=0.29  
adjfac=4.2855 new\_est=1.26  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new\_est=11.00  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332  
new\_est=11.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vistatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)



```
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=9.12 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=11.34 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.34
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=9.12
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```

    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=8 id=2334384011
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
pass=8 id=3332806748
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=341.00 est_nav=8.84
adjfac=4.2855 new_est=37.89
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN

```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=274.08 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
```

```
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=274.08
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
V!status=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=274.08
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2576977950
V!status=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=341.00
est_nav=8.84 adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=274.08
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=847914213
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=847914213
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 adjfac=47.9864
new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=8 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1846336950  
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"J"@SEL\$2", "A"@SEL\$7", "A"@SEL\$11") est=341.00 est\_nav=7.11  
adjfac=3.3930 new\_est=24.11  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3186739620  
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"J"@SEL\$2", "A"@SEL\$7", "A"@SEL\$11", "E"@SEL\$5") est=0.80  
est\_nav=0.24 adjfac=47.9864 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",



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"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=341.00 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1625
new_est=0.04
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=341.00
est_nav=7.11 adjfac=47.9864 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=341.00
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1090508152
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=341.00 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

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"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=341.00
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=341.00
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$11") est=341.00 est_nav=8.84 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11") est=341.00
est_nav=8.84 adjfac=38.5691 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=274.08
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1090508152
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1090508152  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"J"@SEL\$2", "JL"@SEL\$1", "A"@SEL\$7") est=274.08 est\_nav=7.11 (no  
adjustment)

kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)

pass=8 id=1558319047  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1558319047  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5") est=8.84 est\_nav=8.84 (no adjustment)

kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03

```
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=37.4015
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
V!status=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
V!status=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
V!status=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
V!status=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3575400687
```



kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3575400687  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "A"@SEL\$11", "JL"@SEL\$1", "J"@SEL\$2") est=11.00  
est\_nav=0.29 adjfac=38.5691 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "A"@SEL\$11", "JL"@SEL\$1", "A"@SEL\$7") est=8.84  
est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "A"@SEL\$11", "JL"@SEL\$1", "A"@SEL\$7", "J"@SEL\$2")  
est=8.84 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=2334384011  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2334384011  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "J"@SEL\$2") est=8.84 est\_nav=8.84 adjfac=38.5691  
new\_est=341.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=8 id=3332806748

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3332806748  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "J"@SEL\$2", "A"@SEL\$11") est=341.00 est\_nav=8.84  
adjfac=4.2855 new\_est=37.89  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new\_est=11.00  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332  
new\_est=11.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3186739620  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "J"@SEL\$2", "A"@SEL\$11", "A"@SEL\$7") est=1.01  
est\_nav=0.24 adjfac=47.9864 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "J"@SEL\$2", "A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1")  
est=11.34 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3575400687  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3575400687  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "J"@SEL\$2", "A"@SEL\$11", "JL"@SEL\$1") est=1.26  
est\_nav=0.29 adjfac=38.5691 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=2188316883

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=274.08 est_nav=7.11 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1625
new_est=0.04
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=274.08
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=8 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=274.08
est_nav=7.11 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=8 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11") est=341.00
est_nav=8.84 adjfac=38.5691 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=274.08
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1412251919
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2") est=0.24
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2188316883
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=7.11 est_nav=7.11 (no
adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1654845858
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=8 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
    VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
    "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=7.11
    est_nav=7.11 (no adjustment)
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
        pass=8 id=3429333559
        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
        VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
        "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
        est=0.24 est_nav=0.24 (no adjustment)
        kkoatVerifyEst(exit)
          kkoatVerifyEst(enter)
            pass=8 id=2430910822
            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
            VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
            "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=7.11
            est_nav=7.11 (no adjustment)
            kkoatVerifyEst(exit)
              kkoatVerifyEst(enter)
                pass=8 id=1800912986
                kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1800912986
                VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
                "E"@SEL$5", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
                kkoatVerifyEst(exit)
                  kkoatVerifyIdxAcc(enter)
                    table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
                    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
                    type=SCAN
                    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
                    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
                    new_est=1.22
                    kkoatVerifyIdxAcc(enter)
                    table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
                    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
                    type=FILTER
                    kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
                    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
                    new_est=0.03
                    kkoatVerifyEst(enter)
                      pass=8 id=2799335723
                      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
                      VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
                      "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=8.84 est_nav=8.84 (no
                      adjustment)
                      kkoatVerifyEst(exit)
                        kkoatVerifyEst(enter)
                          pass=8 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2") est=0.29
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=8.84 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
```



```
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11") est=341.00
est_nav=8.84 adjfac=38.5691 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7") est=274.08
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=7.11 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
V!status=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=71849249
V!status=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

"A"@SEL\$7", "A"@SEL\$11", "J"@SEL\$2", "E"@SEL\$5") est=0.80  
est\_nav=0.24 adjfac=47.9864 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "A"@SEL\$11", "J"@SEL\$2", "E"@SEL\$5", "JL"@SEL\$1")  
est=11.34 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2088930889  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "A"@SEL\$11", "J"@SEL\$2", "JL"@SEL\$1") est=0.80  
est\_nav=0.24 adjfac=47.9864 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2410674656  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "A"@SEL\$11", "E"@SEL\$5") est=11.00 est\_nav=0.24 (no  
adjustment)  
kkoatVerifyEst(exit)

```
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```

kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=847914213
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2") est=7.11 est_nav=7.11 adjfac=47.9864
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=1846336950

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=341.00 est_nav=7.11
adjfac=3.3930 new_est=24.11
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=341.00 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
```



```
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=341.00
est_nav=7.11 adjfac=47.9864 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=341.00
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1090508152
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=341.00 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11") est=341.00
est_nav=7.11 adjfac=47.9864 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=341.00
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1412251919
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=0.24
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1654845858
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
est=0.24 est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=8 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=7.11
est_nav=7.11 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=8 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER

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```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=1401381593
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1401381593
Vstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1216339114
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```



```
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2", "JL"@SEL\$1")  
est=11.34 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=1312865925  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1312865925  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1") est=11.00 est\_nav=0.24 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5") est=11.00  
est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",

```
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=0.80 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=8.84 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```

table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)

```

```
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=1.01 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7") est=9.12 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=11.34 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
```

"A"@SEL\$9", "J"@SEL\$2", "E"@SEL\$5", "JL"@SEL\$1") est=1.26  
est\_nav=0.29 adjfac=38.5691 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=2234998017  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2234998017  
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2", "JL"@SEL\$1") est=11.34 est\_nav=0.29 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00  
kkoatVerifyIdxAcc(exit): Vestatus=success est=0.25 adjfac=4.0485  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vestatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2088930889  
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2", "JL"@SEL\$1", "A"@SEL\$7") est=9.12  
est\_nav=0.24 adjfac=47.9864 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=SCAN

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=11.34
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1255314465
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "A"@SEL\$9", "JL"@SEL\$1", "E"@SEL\$5", "J"@SEL\$2")  
est=11.00 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2088930889  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "A"@SEL\$9", "JL"@SEL\$1", "J"@SEL\$2") est=11.00  
est\_nav=0.24 adjfac=47.9864 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1846336950  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "A"@SEL\$9", "J"@SEL\$2") est=11.00 est\_nav=0.24  
adjfac=3.3930 new\_est=0.80  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3186739620  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",

```
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=0.80 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2595717135
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2595717135
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9") est=0.24 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2") est=0.24 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2838311074
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2838311074
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=8.84 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9") est=0.24
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "J"@SEL$2")
est=0.24 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3614376038
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=8 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1255314465
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=217916377
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=217916377  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=8 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1216339114  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS

```
kkoatVerifyEst(enter)
pass=8 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
Vlstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2", "A"@SEL\$7")  
est=9.12 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3332806748  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3332806748  
Vlstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "J"@SEL\$2") est=11.00 est\_nav=0.29  
adjfac=4.2855 new\_est=1.26  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new\_est=11.00  
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=44.5332  
new\_est=11.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3186739620  
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "J"@SEL\$2", "A"@SEL\$7") est=1.01  
est\_nav=0.24 adjfac=47.9864 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
Vlstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "J"@SEL\$2", "A"@SEL\$7", "JL"@SEL\$1")  
est=11.34 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3575400687  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3575400687  
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "J"@SEL\$2", "JL"@SEL\$1") est=1.26  
est\_nav=0.29 adjfac=38.5691 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustement)
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN

```



```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1458933053
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
```

"A"@SEL\$11", "JL"@SEL\$1", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2")  
est=8.84 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=256891728  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=256891728  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$7", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vistatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=71849249  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=71849249  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9") est=7.11 est\_nav=7.11 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new\_est=1.57  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619  
new\_est=1.57  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER

```
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=8 id=1070271986
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=8 id=2410674656
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=8 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```



```

table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3186739620

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
```

```
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
```

```
pass=8 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
```

"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2", "JL"@SEL\$1")  
est=11.34 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1") est=11.00  
est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2")  
est=11.00 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1846336950  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "J"@SEL\$2") est=11.00 est\_nav=0.24  
adjfac=3.3930 new\_est=0.80  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS

```
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3429333559
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "J"@SEL\$2", "JL"@SEL\$1", "E"@SEL\$5")  
est=11.34 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=1312865925  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1312865925  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1") est=11.00 est\_nav=0.24 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5") est=11.00  
est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",



"A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5", "J"@SEL\$2")  
est=11.00 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2088930889  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2") est=11.00  
est\_nav=0.24 adjfac=47.9864 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2", "E"@SEL\$5")  
est=11.34 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=1992404078  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1992404078  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "J"@SEL\$2") est=0.29 est\_nav=0.29 adjfac=38.5691  
new\_est=11.34  
kkoatVerifyEst(exit)

```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=8 id=3332806748
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=11.34 est_nav=0.29
adjfac=4.2855 new_est=1.26
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
    kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=8 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",

```

```
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=9.12 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2234998017
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=11.34 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=11.34
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=645552795
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=645552795
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1421617759
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1421617759
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2762020429
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5") est=275.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=3760443166
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3760443166
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=11.00 est_nav=11.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```



kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=3575400687  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3575400687  
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"J"@SEL\$2", "E"@SEL\$5", "A"@SEL\$11", "A"@SEL\$9") est=0.29  
est\_nav=0.29 adjfac=38.5691 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=3614376038  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3614376038  
Vlstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL\$5",  
"JL"@SEL\$1", "J"@SEL\$2", "E"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00  
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=2576977950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2576977950  
Vlstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"J"@SEL\$2", "E"@SEL\$5", "A"@SEL\$9") est=8.84 est\_nav=8.84  
adjfac=38.5691 new\_est=341.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new\_est=0.03

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$9", "A"@SEL$11") est=341.00
est_nav=8.84 adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$9", "A"@SEL$7") est=274.08
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2615953301
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2615953301
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
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"J"@SEL\$2", "E"@SEL\$5", "A"@SEL\$7") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyEst(enter)  
pass=8 id=3614376038  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3614376038  
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2", "E"@SEL\$5", "A"@SEL\$7", "A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=2430910822  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2430910822  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2", "E"@SEL\$5", "A"@SEL\$7", "A"@SEL\$9") est=7.11 est\_nav=7.11 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485 new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03

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kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=2420040496
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2420040496
  VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
  "J"@SEL$2", "A"@SEL$11") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3760443166
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3760443166
  VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
  "J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=275.00 est_nav=11.00 (no
  adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$9") est=7.35
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3614376038
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$9") est=7.35 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1619
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=2273973368  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2273973368  
Vlstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"J"@SEL\$2", "A"@SEL\$11", "A"@SEL\$7") est=221.03 est\_nav=8.84  
adjfac=1.2442 new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new\_est=0.04  
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1619  
new\_est=0.04  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=1236575280  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1236575280  
Vlstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"J"@SEL\$2", "A"@SEL\$9") est=221.03 est\_nav=8.84 adjfac=38.5691  
new\_est=341.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2576977950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "E"@SEL$5") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "E"@SEL$5", "A"@SEL$11") est=341.00
est_nav=8.84 adjfac=38.5691 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
```

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"J"@SEL$2", "A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=274.08
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$11") est=341.00 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1090508152
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$7") est=274.08 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1619
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
```



kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=1275550631  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1275550631  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"J"@SEL\$2", "A"@SEL\$7") est=221.03 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=2615953301  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2615953301  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"J"@SEL\$2", "A"@SEL\$7", "E"@SEL\$5") est=221.03 est\_nav=8.84 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3614376038
Vestatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$9") est=177.65
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=460510316
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=460510316
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=341.00
est_nav=8.84 adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=499485667
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=499485667
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1275550631
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1275550631
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2615953301
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2615953301
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5") est=8.84 est_nav=8.84 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3614376038
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$7",
"A"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x00000000278BC058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
```

```
pass=8 id=402958856
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=0.29
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=998422737
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x000000002176C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
```

kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=217916377  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=217916377  
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
est=0.29 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=8 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1216339114  
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11") est=0.29 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

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kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=10.67
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=10.67 est_nav=0.29
adjfac=4.2855 new_est=1.22
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",

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"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=1.22
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
est=8.84 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.57 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=8.57
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.57
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.57 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=10.67 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=10.67
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
est=8.84 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.57
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
est=8.57 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=8 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.22
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

"A"@SEL\$11", "J"@SEL\$2", "E"@SEL\$5", "JL"@SEL\$1") est=1.22  
est\_nav=0.29 adjfac=38.5691 new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1846336950  
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "J"@SEL\$2", "A"@SEL\$7") est=8.84 est\_nav=0.23  
adjfac=3.3930 new\_est=0.78  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=3186739620

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.78
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.78
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=10.67 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=10.67 est_nav=0.23
adjfac=3.3930 new_est=0.78
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=0.78
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "J"@SEL\$2", "E"@SEL\$5", "JL"@SEL\$1")  
est=11.00 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2088930889  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "J"@SEL\$2", "JL"@SEL\$1") est=0.78  
est\_nav=0.23 adjfac=47.9864 new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "J"@SEL\$2", "JL"@SEL\$1", "E"@SEL\$5")  
est=11.00 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=1312865925  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1312865925  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",

"A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1") est=10.67 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02 type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02 type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03 type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03 type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5") est=10.67  
est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5", "J"@SEL\$2")  
est=10.67 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2088930889  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2") est=10.67  
est\_nav=0.23 adjfac=47.9864 new\_est=11.00  
kkoatVerifyEst(exit)

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1458933053
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=10.67
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=10.67 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.57
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)

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```
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
est=8.57 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=10.67 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5") est=10.67
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7") est=8.57
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.57 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "A"@SEL\$7", "E"@SEL\$5") est=8.57  
est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2")  
est=8.57 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2088930889  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "A"@SEL\$7", "J"@SEL\$2") est=8.57  
est\_nav=0.23 adjfac=47.9864 new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1558319047
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1558319047
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=8 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=10.67
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=10.67 est_nav=0.29
adjfac=4.2855 new_est=1.22
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vlstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=1.22
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vlstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
est=8.84 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
Vlstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=8.57 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=8.57
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vlstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=8.57
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vlstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.57 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
Vlstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=10.67 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=10.67
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
est=8.84 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.57
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
est=8.57 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2334384011
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.22
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=1.22
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2188316883
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=8.84 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=8.84
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=8 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=11.00 est_nav=0.29
adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=0.23 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2") est=0.23
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=0.23 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1625
new_est=0.04
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=0.23
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=0.23 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2430910822
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1800912986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=8 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=0.29 est_nav=0.29 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
```

```
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2") est=0.29
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
est=8.84 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=8 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7") est=8.84
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1654845858
Vlstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=0.23 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vlstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=993981341
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1992404078
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.22
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```



```
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=1.22
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=8.84 est_nav=0.23
adjfac=3.3930 new_est=0.78
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=0.78
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=0.78
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2334384011
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=8 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.22
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=1.22
est_nav=0.29 adjfac=38.5691 new_est=11.00
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
      kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
      kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
      kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
      kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
      kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
      kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
      kkoatVerifyEst(enter)
pass=8 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.23 (no
adjustment)
      kkoatVerifyEst(exit)
        kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
        kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
        kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
        kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
        kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
        kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
        kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
        kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
        kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=8.84
est_nav=0.23 adjfac=47.9864 new_est=11.00
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=2430910822  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2430910822  
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"J"@SEL\$2", "E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$7") est=8.84  
est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=256891728  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=256891728  
Vlstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$7", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=71849249  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=71849249  
Vlstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9") est=0.23 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new\_est=1.57

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```



```
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=10.67 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=1401381593
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1401381593
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1216339114  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9") est=0.29 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new\_est=11.00  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332  
new\_est=11.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7") est=0.23 est\_nav=0.23 adjfac=46.5337  
new\_est=10.67  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=10.67 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=10.67 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1070271986  
Vlstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9") est=0.23 est\_nav=0.23 adjfac=46.5337  
new\_est=10.67  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2410674656  
Vlstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9", "E"@SEL\$5") est=10.67 est\_nav=0.23 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2653268595  
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9", "E"@SEL\$5", "JL"@SEL\$1") est=10.67  
est\_nav=0.23 (no adjustment)

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=10.67 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=8 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
    kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```



kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=8 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1216339114  
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11") est=0.29 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=2556741784  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2556741784  
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5") est=0.29 est\_nav=0.29 adjfac=37.4015  
new\_est=10.67  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)

```
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.57 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.57
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.57 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=8.57
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=8 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=10.67 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11", "E"@SEL\$5", "J"@SEL\$2", "JL"@SEL\$1")  
est=11.00 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=217916377  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=217916377  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
est=0.29 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=8 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1216339114  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11") est=0.29 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER

```

kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=10.67
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.57 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",

```

```
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=8.57
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.57
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.57 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=71849249  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=71849249  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9") est=0.23 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new\_est=1.57  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619  
new\_est=1.57  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=8 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11") est=0.23 est\_nav=0.23 adjfac=46.5337  
new\_est=10.67  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN



```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=8 id=2410674656
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=8 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=8 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=8 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=8 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=10.67 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=8 id=645552795
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=645552795
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1985955465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1985955465
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5") est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2762020429
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2576977950

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=3760443166
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3760443166
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=11.00 est_nav=11.00 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=460510316
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=460510316
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1") est=0.29 est_nav=0.29 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1800912986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03

```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=8 id=3575400687
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
    VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
    "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=11.00
    est_nav=0.29 adjfac=38.5691 new_est=11.00
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
        table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
        kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
        type=SCAN
        kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
        kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
        new_est=0.03
          kkoatVerifyIdxAcc(enter)
            table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
            kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
            type=FILTER
            kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
            Vistatus=success est=0.25 (no adjustment)
            kkoatVerifyEst(enter)
              pass=8 id=2430910822
              kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
              VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
              "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=8.84
              est_nav=0.23 (no adjustment)
              kkoatVerifyEst(exit)
                kkoatVerifyIdxAcc(enter)
                  table=A index=WRI$_ADV_TASKS_PK estType=SCAN
                  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
                  type=SCAN
                  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
                  kkoatVerifyIdxAcc(enter)
                    table=A index=WRI$_ADV_TASKS_PK estType=FILTER
                    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
                    type=FILTER
                    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
                    kkoatVerifyIdxAcc(enter)
                      table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
                      kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
                      type=FILTER
                      kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
                      kkoatVerifyEst(enter)
                        pass=8 id=256891728
                        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=256891728
                        VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
                        est=8.84 est_nav=8.84 (no adjustment)
                        kkoatVerifyEst(exit)
                          kkoatVerifyEst(enter)
                            pass=8 id=499485667
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=499485667
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1839888337
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1839888337
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2615953301
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2615953301
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=8.84 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9") est=0.23 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x000000002176C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=8 id=402958856
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=0.29
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@ "SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x000000002176C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@ "SEL$9", "A"@ "SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
```



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kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1558319047
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1558319047
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1412251919
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03

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```
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=8 id=2410674656
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
    VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
    "E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=0.19 est_nav=0.19 (no
    adjustment)
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
        pass=8 id=2653268595
        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
        VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
        "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=0.19
        est_nav=0.19 (no adjustment)
        kkoatVerifyEst(exit)
          kkoatVerifyEst(enter)
            pass=8 id=3429333559
            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
            VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
            "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
            est=0.19 est_nav=0.19 (no adjustment)
            kkoatVerifyEst(exit)
              kkoatVerifyEst(enter)
                pass=8 id=3186739620
                kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
                VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
                "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2") est=0.19
                est_nav=0.19 adjfac=47.9864 new_est=9.00
                kkoatVerifyEst(exit)
                  kkoatVerifyEst(enter)
                    pass=8 id=3429333559
                    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
                    VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
                    "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
                    est=9.00 est_nav=0.19 (no adjustment)
                    kkoatVerifyEst(exit)
                      kkoatVerifyEst(enter)
                        pass=8 id=1654845858
                        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1654845858
                        VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
                        "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=0.23 est_nav=0.23 (no
                        adjustment)
                        kkoatVerifyEst(exit)
                          kkoatVerifyIdxAcc(enter)
                            table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
                            kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
                            type=SCAN
                            kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
                            kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=6.3619
                            new_est=1.57
                            kkoatVerifyIdxAcc(enter)
                              table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=0.19
est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
est=0.19 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
est=0.19 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2188316883
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=0.23 est_nav=0.23 (no
adjustement)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
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"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
est=0.19 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=8 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=0.23 est_nav=0.23 adjfac=37.4015
new_est=8.73
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=11.02 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.02
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=11.02 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=11.02
est_nav=0.29 adjfac=47.9864 new_est=14.14
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=8.73 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=11.02
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
est=11.02 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=8.73
est_nav=0.23 adjfac=38.5691 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
est=11.37 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=8.73 est_nav=0.23
adjfac=4.2855 new_est=1.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=1.26
est_nav=0.29 adjfac=47.9864 new_est=14.14
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=1.00
est_nav=0.23 adjfac=38.5691 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
est=11.37 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1800912986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1654845858
```



kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1654845858  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$7") est=0.23 est\_nav=0.23 (no  
adjustment)

kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new\_est=1.57  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619  
new\_est=1.57

kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03

kkoatVerifyEst(enter)  
pass=8 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$7", "A"@SEL\$11") est=0.19  
est\_nav=0.19 (no adjustment)

kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$7", "A"@SEL\$11", "J"@SEL\$2")  
est=0.19 est\_nav=0.19 (no adjustment)

kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=2430910822  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2430910822  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$7", "J"@SEL\$2") est=0.23  
est\_nav=0.23 (no adjustment)

kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new\_est=11.00  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332  
new\_est=11.00

kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03

```
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
est=0.19 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=0.23 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7") est=0.29
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
est=0.29 est_nav=0.29 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2") est=0.23
est_nav=0.23 adjfac=38.5691 new_est=9.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
est=11.37 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=8 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7") est=8.84
est_nav=0.23 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11") est=9.00
est_nav=0.23 adjfac=38.5691 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=8.84 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=7.23
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=9.00 est_nav=0.23
adjfac=4.2855 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=1.26
est_nav=0.29 adjfac=47.9864 new_est=14.14
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=1.00
est_nav=0.23 adjfac=38.5691 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2576977950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=11.00 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11") est=9.00
est_nav=0.23 adjfac=38.5691 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=0.19 est_nav=0.19 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=0.19
est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```



```
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
est=0.19 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=0.23 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=0.19
est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
est=0.19 est_nav=0.19 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
est=0.19 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=0.23 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1625
new_est=0.04
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
est=0.19 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=1070271986
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "A"@SEL\$11") est=0.19 est\_nav=0.19 adjfac=46.5337  
new\_est=8.73  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2410674656  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "A"@SEL\$11", "E"@SEL\$5") est=8.73 est\_nav=0.19 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "A"@SEL\$11", "E"@SEL\$5", "JL"@SEL\$1") est=8.73  
est\_nav=0.19 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",

```
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=8.73 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=8.73
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=8.73 est_nav=0.19 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=8.73
est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=8.73 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=8.73
est_nav=0.19 adjfac=47.9864 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3429333559
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "A"@SEL\$11", "JL"@SEL\$1", "J"@SEL\$2", "E"@SEL\$5")  
est=9.00 est\_nav=0.19 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1846336950  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "A"@SEL\$11", "J"@SEL\$2") est=8.73 est\_nav=0.19  
adjfac=3.3930 new\_est=0.64  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3186739620  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "A"@SEL\$11", "J"@SEL\$2", "E"@SEL\$5") est=0.64  
est\_nav=0.19 adjfac=47.9864 new\_est=9.00  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",

```
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=0.64
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=314443188
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=314443188
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```



```
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=0.23 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11") est=0.19
est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
est=0.19 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
est=0.19 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=1312865925
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=0.19 est_nav=0.19 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5") est=0.19
est_nav=0.19 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
est=0.19 est_nav=0.19 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1090508152
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=0.23 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
```

```

    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=8 id=2430910822
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5") est=0.23
est_nav=0.23 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
pass=8 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
est=0.19 est_nav=0.19 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN

```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
```

"A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2", "A"@SEL\$11", "E"@SEL\$5")  
est=9.00 est\_nav=0.19 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=847914213  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=847914213  
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "J"@SEL\$2") est=0.23 est\_nav=0.23 adjfac=47.9864  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=2188316883  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2188316883  
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "J"@SEL\$2", "E"@SEL\$5") est=11.00 est\_nav=0.23 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new\_est=0.04  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625  
new\_est=0.04

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=9.00
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=9.00 est_nav=0.19
adjfac=3.3930 new_est=0.64
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```



```
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=0.64
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=0.64
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1090508152
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=11.00 est_nav=0.23 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```

    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=8 id=2430910822
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.23 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
pass=8 id=2088930889
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",

```

```
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11") est=9.00
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=8 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.23 est_nav=0.23 adjfac=37.4015
new_est=8.73
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=11.02 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=11.02
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=11.02 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=11.02
est_nav=0.29 adjfac=47.9864 new_est=14.14
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=8 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=8.73 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=11.02
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
est=11.02 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=8.73
est_nav=0.23 adjfac=38.5691 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
est=11.37 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=8.73 est_nav=0.23
adjfac=4.2855 new_est=1.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=1.26
est_nav=0.29 adjfac=47.9864 new_est=14.14
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=1.00
est_nav=0.23 adjfac=38.5691 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
```

kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vistatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5", "J"@SEL\$2", "JL"@SEL\$1", "A"@SEL\$7")  
est=11.37 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new\_est=11.00  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332  
new\_est=11.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vistatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1070271986  
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7") est=0.29 est\_nav=0.29 adjfac=46.5337  
new\_est=13.71  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=13.71 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=13.71
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=13.71 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=13.71
est_nav=0.29 adjfac=47.9864 new_est=14.14
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=13.71 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```



```

table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=13.71
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=13.71 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=13.71
est_nav=0.29 adjfac=47.9864 new_est=14.14
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
est=14.14 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=13.71 est_nav=0.29
adjfac=3.3930 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=1.00
est_nav=0.29 adjfac=47.9864 new_est=14.14
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=1.00
est_nav=0.29 adjfac=47.9864 new_est=14.14
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```

kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "J"@SEL\$2", "JL"@SEL\$1", "E"@SEL\$5")  
est=14.14 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=256891728  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=256891728  
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$7", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vistatus=success est=0.25 (no adjustment)

```
kkoatVerifyEst(enter)
pass=8 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11") est=0.19 est_nav=0.19 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=0.19
est_nav=0.19 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
est=0.19 est_nav=0.19 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=1401381593
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1401381593  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$5", "A"@SEL\$11")  
est=9.00 est\_nav=9.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1216339114  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9") est=2.57 est\_nav=2.57 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new\_est=11.00  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332  
new\_est=11.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7") est=3.24 est\_nav=3.24 adjfac=46.5337  
new\_est=150.86  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=SCAN

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=150.86 est_nav=3.24 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=150.86
est_nav=3.24 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=150.86 est_nav=3.24 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=150.86
est_nav=3.24 adjfac=47.9864 new_est=155.57
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=155.57 est_nav=3.24 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```



```
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=8 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=8 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.29 est_nav=0.29 adjfac=46.5337
new_est=13.71
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=13.71 est_nav=0.29 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=13.71
est_nav=0.29 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
```

"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2")  
est=13.71 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3186739620  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2") est=13.71  
est\_nav=0.29 adjfac=47.9864 new\_est=14.14  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2", "JL"@SEL\$1")  
est=14.14 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=256891728  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=256891728  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$7", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=8 id=1255314465

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1255314465  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$11") est=7.23 est\_nav=7.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9") est=2.06 est\_nav=2.06 adjfac=46.5337  
new\_est=96.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=2410674656

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=96.00 est_nav=2.06 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=96.00
est_nav=2.06 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=96.00 est_nav=2.06 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2") est=96.00
est_nav=2.06 adjfac=47.9864 new_est=99.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=99.00 est_nav=2.06 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustement)
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
    pass=8 id=1216339114
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.23 est_nav=0.23 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
    pass=8 id=1070271986
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.29 est_nav=0.29 adjfac=46.5337
new_est=13.71
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=8 id=1312865925
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=13.71 est_nav=0.29 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=8 id=2088930889
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=13.71
est_nav=0.29 adjfac=47.9864 new_est=14.14
    kkoatVerifyEst(exit)

```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
est=14.14 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=13.71
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=13.71 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
```



```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=0.19 est_nav=0.19 adjfac=46.5337
new_est=8.73
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1") est=8.73 est_nav=0.19 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=8.73
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=8.73
est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=8.73 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=8 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.29 est_nav=0.29 adjfac=46.5337
new_est=13.71
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=13.71 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=13.71
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=13.71 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=13.71
est_nav=0.29 adjfac=47.9864 new_est=14.14
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2", "JL"@SEL\$1")  
est=14.14 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=256891728  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=256891728  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$7", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=71849249  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=71849249  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9") est=0.23 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new\_est=1.57  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619  
new\_est=1.57  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=8 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1070271986  
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11") est=0.19 est\_nav=0.19 adjfac=46.5337  
new\_est=8.73  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2410674656  
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11", "E"@SEL\$5") est=8.73 est\_nav=0.19 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2653268595  
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$7", "A"@SEL\$5",

"A"@SEL\$9", "A"@SEL\$11", "E"@SEL\$5", "JL"@SEL\$1") est=8.73  
est\_nav=0.19 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11", "E"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2")  
est=8.73 est\_nav=0.19 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3186739620  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11", "E"@SEL\$5", "J"@SEL\$2") est=8.73  
est\_nav=0.19 adjfac=47.9864 new\_est=9.00  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11", "E"@SEL\$5", "J"@SEL\$2", "JL"@SEL\$1")  
est=9.00 est\_nav=0.19 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=645552795  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=645552795  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$5", "JL"@SEL\$1")  
est=11.00 est\_nav=11.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=SCAN

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=1985955465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1985955465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5") est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2762020429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
```



```
pass=8 id=3760443166
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3760443166
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=9.00 est_nav=9.00 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=460510316
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=460510316
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1") est=0.29 est_nav=0.29 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1800912986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=8 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=9.00
est_nav=0.23 adjfac=38.5691 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=8.84
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=499485667
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=499485667
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=8 id=1839888337
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1839888337
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=2615953301
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2615953301
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=8.84 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9") est=0.23 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x000000002176C058
  kkoatSaveJoinOrder(exit)
```

```
kkoatVerifyEst(enter)
pass=9 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=9 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=9 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000027267518
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=9 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000027267518
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000027267518
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000027267518
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A500
kkoatSetupQbCtx(exit): passNum=9 qbcDone=yes atDone=no
pass=9 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VEstatus=SUCCESS
kkoatVerifyEst(enter)
pass=9 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VEstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VEstatus=SUCCESS
kkoatVerifyEst(enter)
pass=9 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=776064964
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30)
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027267518
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=9 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1436929481
```



kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=1436929481  
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "JO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=2212994445  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=2212994445  
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "JO"@SEL\$12", "DI"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=3211417182  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=3211417182  
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "JO"@SEL\$12", "DI"@SEL\$30", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=3026374703  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=3026374703  
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "JO"@SEL\$12", "DI"@SEL\$30", "J"@SEL\$12", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=2435352218

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1094949548
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=629997836
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```

    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=9 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=9 id=1871014512
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=9 id=1970400506
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=9 id=2212994445
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2968823243
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=9 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1970400506
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2968823243
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=9 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2968823243
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2007715800
```



```
kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=9 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyEst(enter)
pass=9 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyEst(enter)
pass=9 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000022FBC058
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyEst(enter)
pass=9 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=9 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
```



```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2783780764
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=3211417182
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=2435352218
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=3211417182
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN

```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```



```
kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=852355609
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=9 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3211417182
```

kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=3211417182  
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "DI2"@SEL\$30", "J"@SEL\$12", "DI"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=3026374703  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=3026374703  
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "DI2"@SEL\$30", "J"@SEL\$12", "DI"@SEL\$30", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=2250309739  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=2250309739  
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "DI2"@SEL\$30", "J"@SEL\$12", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=3026374703  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=3026374703  
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "DI2"@SEL\$30", "J"@SEL\$12", "CO"@SEL\$12", "DI"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=1970400506  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=1970400506  
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "DI"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=2212994445  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=2212994445  
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "DI"@SEL\$30", "DI2"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=SCAN

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2968823243
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```



```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3211417182
```

kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=3211417182  
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "J"@SEL\$12", "DI2"@SEL\$30", "DI"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=3026374703  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=3026374703  
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "J"@SEL\$12", "DI2"@SEL\$30", "DI"@SEL\$30", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=2250309739  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=2250309739  
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "J"@SEL\$12", "DI2"@SEL\$30", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=3026374703  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=3026374703  
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "J"@SEL\$12", "DI2"@SEL\$30", "CO"@SEL\$12", "DI"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=2968823243  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=2968823243  
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "J"@SEL\$12", "DI"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=3211417182  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=3211417182  
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"JO"@SEL\$12", "J"@SEL\$12", "DI"@SEL\$30", "DI2"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2783780764
```



```
kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F18840
kkoatSetupQbCtx(exit): passNum=9 qbcDone=yes atDone=no
pass=9 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyEst(enter)
pass=9 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatVerifyEst(enter)
pass=9 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027267518
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatVerifyEst(enter)
pass=9 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
```

```
pass=9 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=9 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
```

```
pass=9 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=9 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027267518
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=9 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
pass=9 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyEst(enter)
pass=9 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027A04028
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
```

```

table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=9 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")

```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=4206451628
Vlstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=591022485
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=444955357
Vlstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1443378094
Vlstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
```

```
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=9 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=833616424
```



```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=57551460
Vstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=57551460
Vstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027A04028
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=8 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@ "SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@ "SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@ "SEL$7") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=4109924817
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=4109924817  
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL\$9") est=8.84  
est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SKIP\_SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=998422737  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=998422737  
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL\$11") est=8.84  
est\_nav=8.84 adjfac=0.1131 new\_est=1.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SKIP\_SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131  
new\_est=1.00  
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58  
joP=0x0000000027267518  
kkoatRestoreJoinOrder(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=217916377  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=217916377  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)

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table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1558319047
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1558319047
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1412251919
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2188316883
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")

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```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2334384011
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

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"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=8.84 est_nav=8.84
adjfac=4.2855 new_est=37.89
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1800912986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vestatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vestatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1654845858
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2576977950
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=8.84 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=37.4015
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=8 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
```

```

    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=8 id=1412251919
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5") est=7.11 est_nav=7.11 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=2188316883
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2188316883
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=2430910822
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1625
new_est=0.04

```



```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1654845858
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=0.24 est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=8 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=847914213
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=7.11 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1090508152
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=7.11 est_nav=7.11
adjfac=3.3930 new_est=24.11
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```

    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=8 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=2088930889
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=314443188
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=314443188
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1") est=7.11 est_nav=7.11 (no adjustment)

```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1654845858
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER

```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1090508152
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
```



```
kkoatVerifyEst(enter)
pass=8 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=993981341
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=8 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=274.08 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=274.08
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=274.08
est_nav=7.11 adjfac=47.9864 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=8 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=341.00 est_nav=8.84
adjfac=4.2855 new_est=37.89
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=847914213
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 adjfac=47.9864
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2188316883
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=341.00 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=341.00
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1625
new_est=0.04
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=341.00
est_nav=7.11 adjfac=47.9864 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1090508152
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=341.00 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=341.00 est_nav=7.11
adjfac=3.3930 new_est=24.11
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=256891728
Vstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=71849249
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```



```

    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=8 id=1412251919
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5") est=7.11 est_nav=7.11 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=2188316883
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2188316883
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=2430910822
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00

```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=1401381593
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1401381593
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1312865925
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1312865925  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1") est=11.00 est\_nav=0.24 (no  
adjustement)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5") est=11.00  
est\_nav=0.24 (no adjustement)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2088930889  
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)

```
kkoatVerifyEst(enter)
pass=8 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
    pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=8 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=8 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=8 id=2799335723
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
    pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=8 id=3575400687
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
```



```
pass=8 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7") est=0.24 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
```

kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=8 id=1255314465  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1255314465  
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$11") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vistatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1070271986  
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9") est=0.24 est\_nav=0.24 adjfac=46.5337  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS



```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=8 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1216339114  
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=2556741784  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2556741784  
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5") est=0.29 est\_nav=0.29 adjfac=37.4015  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=8 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=8 id=256891728
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=71849249
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=1070271986
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1421617759
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1421617759
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2519426490
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1") est=275.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1619
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9") est=221.03 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)

```



```
kkoatVerifyEst(enter)
pass=8 id=2373359362
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2373359362
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=101.2118 new_est=25.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=101.2118
new_est=25.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=2177446557
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2177446557
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2420040496
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2420040496
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1") est=275.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=8 id=3517849227
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3517849227
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5") est=275.00 est_nav=11.00 (no adjustment)
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
    pass=8 id=1992404078
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1992404078
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9") est=7.35 est_nav=0.29 adjfac=38.5691
new_est=11.34
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
    pass=8 id=2031379429
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2031379429
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=8 id=1032956692
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1032956692
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1275550631
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1275550631
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027267518
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=9 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=9 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=9 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000027A56808
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=9 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000027A56808
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$52271521 pass=9 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A758
jOP=0x00000000279F6C58
kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758
jOP=0x00000000279F6C58
kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$44902B2C pass=9 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=CANDFRO
```

```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x00000000279F6A30
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x00000000279F6A30
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=9 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x00000000279F6A30
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=9 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x00000000279F6A30
kkoatSaveJoinOrder(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000027686FA0
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000027686FA0
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=9 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
pass=9 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
pass=9 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027AAC058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=9 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=9 id=2250309739
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2250309739
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=9 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=9 id=1094949548
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1094949548
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=9 id=629997836
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=629997836
Vestatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=9 id=872591775
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=872591775
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=9 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=9 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=9 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027AAC058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=9 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=9 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=9 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x00000000275A4028
kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=9 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2212994445
```

kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=2212994445  
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "DI"@SEL\$30", "JO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=3211417182  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=3211417182  
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "DI"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=3026374703  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=3026374703  
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "DI"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=1871014512  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=1871014512  
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "DI"@SEL\$30", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ1  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ2 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ2  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ2 estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=SYS\_ALIAS\_2 index=I\_OBJ2  
type=FILTER



```
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1094949548
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2212994445
```

kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=2212994445  
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "JO"@SEL\$12", "DI2"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=3211417182  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=3211417182  
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "JO"@SEL\$12", "DI2"@SEL\$30", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=3026374703  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=3026374703  
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "JO"@SEL\$12", "DI2"@SEL\$30", "J"@SEL\$12", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=2968823243  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=2968823243  
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=3211417182

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2192758279
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2968823243
  VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
  VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
  VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
  VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2007715800
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2250309739
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2968823243
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=J index=SCHEMATA$JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMATA$JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEMATA$JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMATA$JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2192758279
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2435352218
Vestatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2250309739
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=852355609
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x00000000275A4028
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=9 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=9 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=9 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000232BC058
kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
pass=9 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=9 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=9 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1443378094
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=9 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=687549296
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1589445222
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=9 id=833616424
```



```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000232BC058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=9 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=9 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=9 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000023288040
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
pass=9 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1685972033
V!status=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=4206451628
V!status=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=591022485
V!status=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=444955357
V!status=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1443378094
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=687549296
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1589445222
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1443378094
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=687549296
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1589445222
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
```

```
pass=9 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000023288040
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=8 id=402958856
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=8 id=1340402670
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1340402670
      VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
      kkoatVerifyEst(exit)
        kkoatVerifyEst(enter)
          pass=8 id=4148900168
          kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=4148900168
          VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
          est_nav=8.84 (no adjustment)
          kkoatVerifyEst(exit)
            kkoatVerifyIdxAcc(enter)
              table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
              kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
              kkoatVerifyIdxAcc(enter)
                table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
                kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
                kkoatVerifyEst(enter)
                  pass=8 id=4109924817
                  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=4109924817
                  VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
                  est_nav=8.84 (no adjustment)
                  kkoatVerifyEst(exit)
                    kkoatVerifyIdxAcc(enter)
                      table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
                      kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
                      kkoatVerifyIdxAcc(enter)
                        table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
                        kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
                        kkoatVerifyEst(enter)
                          pass=8 id=998422737
                          kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=998422737
                          VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
                          est_nav=8.84 adjfac=0.1131 new_est=1.00
                          kkoatVerifyEst(exit)
                            kkoatVerifyIdxAcc(enter)
                              table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
                              kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131
                              new_est=1.00
                              kkoatVerifyIdxAcc(enter)
                                table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
                                kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131
                                new_est=1.00
                                kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
                                jnP=0x0000000027494028
                                kkoatRestoreJoinOrder(exit)
                                  kkoatVerifyIdxAcc(enter)
                                    table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
                                    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
                                    type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1401381593
Vstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1216339114
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1992404078
Vstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
```

"A"@SEL\$9", "J"@SEL\$2", "E"@SEL\$5", "JL"@SEL\$1") est=1.26  
est\_nav=0.29 adjfac=38.5691 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2", "E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$7")  
est=9.12 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1846336950  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2", "A"@SEL\$7") est=0.24 est\_nav=0.24  
adjfac=3.3930 new\_est=0.80  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1") est=0.29 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=0.29
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=0.24
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
```

```
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
```

"A"@SEL\$9", "A"@SEL\$7") est=0.24 est\_nav=0.24 adjfac=46.5337  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1846336950  
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2410674656  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "E"@SEL\$5") est=11.00 est\_nav=0.24 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3186739620  
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=2653268595

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1") est=11.00  
est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=1312865925  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1312865925  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1") est=11.00 est\_nav=0.24 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2088930889  
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS

```
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```



```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
```

```
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2177446557
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2177446557
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"J"@SEL$2", "A"@SEL$9") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3517849227
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"J"@SEL$2", "E"@SEL$5") est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2031379429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2031379429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"J"@SEL$2", "A"@SEL$7") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2420040496
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2420040496
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"J"@SEL$2", "JL"@SEL$1") est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2741784263
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2741784263
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5") est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)

```

```
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3517849227
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3517849227
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2595717135
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2595717135
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$9") est=0.24 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$9", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3371782099
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3371782099
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$9") est=0.24 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3614376038
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2838311074
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2838311074
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84 est_nav=8.84 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$9") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3614376038
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2984378202
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2984378202
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$9") est=0.29 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```



```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "A"@SEL$7") est=0.24
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3760443166
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3760443166
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2838311074
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2838311074
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=8.84 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$9") est=0.24
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3614376038
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1846336950
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=8 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2031379429
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2031379429
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$9") est=0.24 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3371782099
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3371782099  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "J"@SEL\$2", "E"@SEL\$5") est=8.84 est\_nav=8.84  
adjfac=31.1041 new\_est=275.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3186739620  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "J"@SEL\$2", "E"@SEL\$5", "A"@SEL\$9") est=7.35 est\_nav=0.24  
adjfac=47.9864 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3614376038  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3614376038  
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "J"@SEL\$2", "E"@SEL\$5", "JL"@SEL\$1")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=2273973368  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2273973368  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "J"@SEL\$2", "JL"@SEL\$1") est=8.84 est\_nav=8.84  
adjfac=1.2442 new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=FILTER

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2595717135
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2595717135
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9") est=0.24 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=8 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```



```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

table=A index=WRI\$\_ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)

table=A index=WRI\$\_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)

table=A index=WRI\$\_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=256891728  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=256891728  
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$7", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)

table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)

table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=8 id=1255314465  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1255314465  
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$11") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)

table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)

table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vistatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=1070271986

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1401381593
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=8 id=3429333559
        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
          VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
            kkoatVerifyEst(exit)
              kkoatVerifyEst(enter)
                pass=8 id=3186739620
                  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
                    VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
                      kkoatVerifyEst(exit)
                        kkoatVerifyEst(enter)
                          pass=8 id=1312865925
                            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1312865925
                              VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
                                kkoatVerifyEst(exit)
                                  kkoatVerifyIdxAcc(enter)
                                    table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
                                      kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
                                        type=SCAN
                                          kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                                            kkoatVerifyIdxAcc(enter)
                                              table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
                                                kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
                                                  type=FILTER
                                                    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                                                      kkoatVerifyIdxAcc(enter)
                                                        table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
                                                          kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
                                                            type=SCAN
                                                              kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                                                                kkoatVerifyIdxAcc(enter)
                                                                  table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
                                                                    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
                                                                      type=FILTER
                                                                        kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                                                                          kkoatVerifyIdxAcc(enter)
                                                                            table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
                                                                              kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
                                                                                type=SCAN
                                                                                  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                                                                                    kkoatVerifyIdxAcc(enter)
                                                                                      table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
                                                                                        kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
                                                                                          type=FILTER
                                                                                            kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
```



```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=8 id=2799335723
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
    kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=8 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",

```

"A"@SEL\$9", "JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$7") est=8.84  
est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3575400687  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3575400687  
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "JL"@SEL\$1", "E"@SEL\$5", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=2234998017  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2234998017  
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=1992404078  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1992404078  
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1846336950  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2", "A"@SEL\$7") est=0.24 est\_nav=0.24  
adjfac=3.3930 new\_est=0.80  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=8 id=2410674656
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=8 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1255314465
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=8 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")

```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=71849249
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
```

kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=217916377  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=217916377  
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=8 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1216339114  
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
```



```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=8 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=8 id=3429333559
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=8 id=1846336950
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=8 id=1312865925
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
    pass=8 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
```

```
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1421617759
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1421617759
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2519426490
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2519426490
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2762020429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1") est=275.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1619
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9") est=221.03 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2373359362
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2373359362
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=101.2118 new_est=25.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=101.2118
new_est=25.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=2177446557
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2177446557
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2420040496
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2420040496
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1") est=275.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```



```

table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9") est=7.35 est_nav=0.29 adjfac=38.5691
new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER

```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2031379429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2031379429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=256891728
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1032956692
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1032956692
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1275550631
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1275550631
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027494028
kkoatSaveJoinOrder(exit)
kkoatInitCtx(enter): ctxP=0x000007FF0D1B6078 roundNum=9
kkoatInitCtx(exit): timeSlice=3260
kkoatVerifyEst(enter)
pass=9 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=9 id=776064964
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=9 id=242593939
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000216A4028
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1018658903
```

```
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=9 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000216A4028
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E560AB8
kkoatStatsCollectTab(enter): froP=0x0000000016EBF2C0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EBF2C0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016EBF5C0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17680 froP=0x0000000016EBF5C0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E561A18
kkoatStatsCollectTab(enter): froP=0x0000000016EC97E0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EC97E0
kkoatTabStatsVerify(exit): statState=OKAY
```

```
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016EC9AE0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17680 froP=0x0000000016EC9AE0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E59AC98
  kkoatStatsCollectTab: skip fro=000000001E59AC98
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=9 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$19 pass=9 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("WM"@SEL$19) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x00000000216A4028
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x00000000216A4028
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E52F448
  kkoatStatsCollectTab(enter): froP=0x000000001E52F0C0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17780 froP=0x000000001E52F0C0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=9 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U"@SEL$18")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyEst(enter)
pass=9 id=2113250766
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2113250766
Vestatus=NOPREDS esttype=TABLE prelen=1 tables=("W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1593508212
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1593508212
Vestatus=NOPREDS esttype=TABLE prelen=1 tables=("WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=598302687
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=598302687
Vestatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=402958856
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=402958856
Vestatus=NOPREDS esttype=TABLE prelen=1 tables=("WMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1340402670
Vestatus=NOPREDS esttype=TABLE prelen=1 tables=("WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=4148900168
Vestatus=NOPREDS esttype=TABLE prelen=1 tables=("CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=4109924817
Vestatus=NOPREDS esttype=TABLE prelen=1 tables=("CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=998422737
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=998422737
Vestatus=NOPREDS esttype=TABLE prelen=1 tables=("J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=242593939
Vestatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
jop=0x00000000216A4028
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```



```
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1696066402
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1696066402
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3182536200
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3182536200
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3585495056
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3585495056
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17", "CMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3367578679
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3367578679
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3182536200
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3182536200
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2519426490
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2519426490
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1018658903
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEULER$_DEST_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEULER$_DEST_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1696066402
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1696066402
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
```



```
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1428873322
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2027176009
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1842133530
Vestatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

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table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1696066402
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3439427928
VEstatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)

```

```

table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)

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table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",

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"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3182536200
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3182536200
Vestatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3036469072
Vestatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3439427928
Vestatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
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"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2519426490
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1374367651
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1374367651
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2967875863
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2967875863
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=SCAN
```

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kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$ WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$ WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=786159333
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=786159333
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1784582070
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1784582070
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```



```
kkoatVerifyEst(enter)
pass=9 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1696066402
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=1696066402
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=3439427928
Vestatus=PASSNUM esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2116467634
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=9 id=2116467634
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
jopP=0x00000000216A4028
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E51B8D0
  kkoatStatsCollectTab(enter): froP=0x000000001E510928
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E510928
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E510C18
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E510C18
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E510F10
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17968 froP=0x000000001E510F10
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E515300
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E515300
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E5155F0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E5155F0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E5158E0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E5158E0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E515D60
```

```
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E515D60
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E516360
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E516360
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E516660
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17780 froP=0x000000001E516660
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E516960
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17A68 froP=0x000000001E516960
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=9 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=9 id=776064964
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("D"@SEL$15")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000216A4028
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=9 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=9 id=1018658903
VEstatus=NOROWS estttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000216A4028
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=9 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=9 id=776064964
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("D"@SEL$15")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x0000000027279EF8
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=9 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=9 id=1018658903
VEstatus=NOROWS estttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x0000000027279EF8
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E4F9FE8
kkoatStatsCollectTab(enter): froP=0x000000001E51BBE0
```

```
kkoatStatsCollectTab: skip fro=000000001E51BBE0
  kkoatStatsCollectTab(enter): froP=0x000000001E51C260
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001E51C260
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
  pass=9 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x00000000216A4028
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "AO"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=833616424
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=1774487701
```

kkoatVerifyEst: complete, qbName=SEL\$1C34B9A1 pass=9 id=1774487701  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL\$26", "O"@SEL\$26")  
est=0.02 est\_nav=0.02 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=AO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=AO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=AO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=AO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=2017081640  
kkoatVerifyEst: complete, qbName=SEL\$1C34B9A1 pass=9 id=2017081640  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL\$26", "O"@SEL\$26",  
"AO"@SEL\$26") est=0.02 est\_nav=0.02 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER# estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=U index=I\_USER# type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER# estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=U index=I\_USER# type=FILTER  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER2 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=U index=I\_USER2 type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER2 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=U index=I\_USER2 type=FILTER  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=1832039161  
kkoatVerifyEst: complete, qbName=SEL\$1C34B9A1 pass=9 id=1832039161  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL\$26", "O"@SEL\$26",  
"AO"@SEL\$26", "U"@SEL\$26") est=0.02 est\_nav=0.02 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER# estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=U index=I\_USER# type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER# estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=U index=I\_USER# type=FILTER



```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=1589445222
V!status=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=1832039161
V!status=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26", "AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=591022485
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=591022485
V!status=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=833616424
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=833616424
V!status=COSTCUTOFF esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.03 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.03 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.03 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=591022485
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
kkoatVerifyIdxAccDerive(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAccDerive(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccDerive(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=813380258
```

```
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=9 id=813380258
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("U"@SEL$26",
"O"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C280
jop=0x00000000216A4028
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E5750F0
    kkoatStatsCollectTab(enter): froP=0x000000001E5F1508
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E5F1508
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x000000001E5F1808
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E5F1808
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x000000001E5F1AF8
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E5F1AF8
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x000000001E5F1D80
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E5F1D80
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=9 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=9 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$28")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=9 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$28") est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C558
jop=0x00000000216A4028
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=9 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=9 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$28", "O"@SEL$28")
est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x00000000216A4028
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E5745E0
kkoatStatsCollectTab(enter): froP=0x000000001E54A538
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E54A538
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E54A828
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E54A828
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$23 pass=9 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("RO1"@SEL$23")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=RO1 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=RO1 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x00000000216A4028
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x00000000216A4028
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E577D18
kkoatStatsCollectTab(enter): froP=0x000000001E577320
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E577320
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$24 pass=9 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO1"@SEL$24")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LO1 index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x00000000216A4028
```

```
kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x00000000216A4028
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E576C98
    kkoatStatsCollectTab(enter): froP=0x000000001E576310
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17C70 froP=0x000000001E576310
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
    kkoatVerifyEst(enter)
    pass=9 id=242593939
    kkoatVerifyEst: complete, qbName=SEL$52271521 pass=9 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x00000000216A4028
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x00000000216A4028
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E527E60
    kkoatStatsCollectTab(enter): froP=0x000000001E524628
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17968 froP=0x000000001E524628
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
    kkoatVerifyEst(enter)
    pass=9 id=242593939
    kkoatVerifyEst: complete, qbName=SEL$44902B2C pass=9 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x00000000216A4028
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x00000000216A4028
  kkoatSaveJoinOrder(exit)
```

```
kkoatStatsCollect(enter): qbcP=0x000000001E524240
kkoatStatsCollectTab(enter): froP=0x000000001E520B10
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001E520B10
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=9 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x00000000216A4028
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=9 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=9 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x00000000216A4028
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E52D6E0
kkoatStatsCollectTab(enter): froP=0x000000001E575400
kkoatStatsCollectTab: skip fro=000000001E575400
kkoatStatsCollectTab(enter): froP=0x000000001E5756F0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E5756F0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E520108
kkoatStatsCollectTab: skip fro=000000001E520108
kkoatStatsCollectTab(enter): froP=0x000000001E528170
```

```
kkoatStatsCollectTab: skip fro=000000001E528170
kkoatStatsCollect(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
jop=0x00000000216A4028
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
jop=0x00000000216A4028
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x0000000016F11200
  kkoatStatsCollectTab(enter): froP=0x0000000016F10E18
kkoatStatsCollectTab: skip fro=0000000016F10E18
kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=9 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=9 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=9 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=242593939
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
jop=0x00000000216A4028
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyEst(enter)
  pass=9 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=9 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=9 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```



```
kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2212994445
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3211417182
```

kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=3211417182  
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12", "DI"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=3026374703  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=3026374703  
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12", "DI"@SEL\$30", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=2250309739  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=2250309739  
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=3026374703  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=3026374703  
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12", "CO"@SEL\$12", "DI"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=1094949548  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=1094949548  
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=629997836  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=629997836  
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL\$12",  
"DI"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=872591775

kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=872591775  
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "DI2"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ1  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ2 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ2  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ2 estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=SYS\_ALIAS\_2 index=I\_OBJ2  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ4 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ4  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=2212994445  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=2212994445  
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "DI2"@SEL\$30", "JO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=3211417182  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=9 id=3211417182  
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "DI2"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1194335542
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
```



```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=9 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x00000000216A4028
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=9 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
pass=9 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
pass=9 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x000000002781C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=9 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3026374703
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
```

```

table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN

```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```



```
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2968823243
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2192758279
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2007715800
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2250309739
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=9 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2435352218
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3211417182
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2192758279
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2435352218
Vestatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2250309739
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2968823243
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3211417182
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=2783780764
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=2007715800
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=2250309739
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=2783780764
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=852355609
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=9 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=852355609

```



```
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016F03888
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016F03B78
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x0000000016F03B78
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016F04040
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016F04040
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=9 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=9 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyEst(enter)
pass=9 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
jop=0x00000000230D7FD8
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=9 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
  new_est=22.09
  kkoatVerifyEst(enter)
  pass=9 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
    pass=9 id=687549296
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=687549296
VEstatus=TABESTMISS estttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
      kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
      kkoatVerifyIdxAcc(exit): V!status=NLPREDS
      kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
      kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
      kkoatVerifyIdxAcc(exit): V!status=NLPREDS
      kkoatVerifyEst(enter)
        pass=9 id=1685972033
        kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1685972033
VEstatus=TABESTMISS estttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
        kkoatVerifyEst(exit)
          kkoatVerifyEst(enter)
            pass=9 id=4206451628
            kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=4206451628
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
            kkoatVerifyEst(exit)
              kkoatVerifyEst(enter)
                pass=9 id=591022485
                kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=591022485
VEstatus=CARTPROD estttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
                kkoatVerifyEst(exit)
                  kkoatVerifyEst(enter)
                    pass=9 id=444955357
                    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=444955357
VEstatus=TABESTMISS estttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
                    kkoatVerifyEst(exit)
                      kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
                      kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
                      kkoatVerifyIdxAcc(exit): V!status=NLPREDS
                      kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
                      kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
                      kkoatVerifyIdxAcc(exit): V!status=NLPREDS
                      kkoatVerifyEst(enter)
                        pass=9 id=1443378094
                        kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1443378094
VEstatus=TABESTMISS estttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=9 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=9 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=9 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000230D7FD8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=9 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=9 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyEst(enter)
pass=9 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31") est=27.53
est_nav=27.53 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000273D4028
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyEst(enter)
pass=9 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=4206451628
Vlstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=591022485
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=444955357
Vlstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=9 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
```

```
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=591022485
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"L"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=444955357
Vlstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "LO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1443378094
Vlstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "LO"@ "SEL$31", "LCO"@ "SEL$31")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "LO"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "LCO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=57551460
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=9 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000273D4028
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x0000000016F01EE8
  kkoatStatsCollectTab(enter): froP=0x0000000016EF0380
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EF0380
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016EF0660
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x0000000016EF0660
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016EF09D0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016EF09D0
  kkoatTabStatsVerify(exit): statState=OKAY
```

```
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016EF0CC0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x0000000016EF0CC0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x0000000016EF0FC0
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17C70 froP=0x0000000016EF0FC0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
    kkoatVerifyEst(enter)
pass=8 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x00000000230D7FD8
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@ "SEL$9", "A"@ "SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=8 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1992404078
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
```



```
pass=8 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=0.24 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2234998017
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=0.29 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
```

```

kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=0.29
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN

```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=0.24
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER

```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)

```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=11.34 est_nav=0.29
adjfac=4.2855 new_est=1.26
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
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"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=9.12 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2234998017
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=11.34 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
```

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    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=8 id=2334384011
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2334384011
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
pass=8 id=3332806748
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=341.00 est_nav=8.84
adjfac=4.2855 new_est=37.89
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)

```

```
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=274.08 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1625
new_est=0.04
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
```

```
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=274.08
est_nav=7.11 adjfac=47.9864 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=274.08
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=847914213
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 adjfac=47.9864
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
```



```
pass=8 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=341.00 est_nav=7.11
adjfac=3.3930 new_est=24.11
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=341.00 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=8 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=341.00
est_nav=7.11 adjfac=47.9864 new_est=341.00
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
        pass=8 id=2430910822
        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=341.00
est_nav=7.11 (no adjustment)
        kkoatVerifyEst(exit)
          kkoatVerifyEst(enter)
            pass=8 id=1090508152
            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1090508152
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=341.00 est_nav=7.11 (no
adjustment)
            kkoatVerifyEst(exit)
              kkoatVerifyEst(enter)
                pass=8 id=1236575280
                kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
                new_est=341.00
                kkoatVerifyEst(exit)
                  kkoatVerifyIdxAcc(enter)
                    table=E index=WRI$_ADV_EXECS_PK estType=SCAN
                    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
                    type=SCAN
                    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                    kkoatVerifyIdxAcc(enter)
                      table=E index=WRI$_ADV_EXECS_PK estType=FILTER
                      kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
                      type=FILTER
                      kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                      kkoatVerifyIdxAcc(enter)
                        table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
                        kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
                        type=SCAN
                        kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                        kkoatVerifyIdxAcc(enter)
                          table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
                          kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
                          type=FILTER
                          kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                          kkoatVerifyIdxAcc(enter)
                            table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=1558319047
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1558319047
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=37.4015
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=8 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2334384011
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=8.84 est_nav=8.84
adjfac=4.2855 new_est=37.89
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
  pass=8 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=8 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=8 id=2576977950
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1412251919
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=8 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2188316883
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```



```
pass=8 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustement)
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=71849249
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
Vstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=8 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1401381593
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1312865925
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1312865925  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1") est=11.00 est\_nav=0.24 (no  
adjustement)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5") est=11.00  
est\_nav=0.24 (no adjustement)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2088930889  
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)

```
kkoatVerifyEst(enter)
pass=8 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2234998017
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1992404078
Vestatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): V Istatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V Istatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
V Estatus=EXISTS esttype=JOIN prelen=5 tables=("A"@ "SEL$5", "A"@ "SEL$11",
"A"@ "SEL$9", "J"@ "SEL$2", "A"@ "SEL$7") est=0.24 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): V Istatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): V Istatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): V Istatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): V Istatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): V Istatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): V Istatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
V Estatus=EXISTS esttype=JOIN prelen=6 tables=("A"@ "SEL$5", "A"@ "SEL$11",
```

"A"@SEL\$9", "J"@SEL\$2", "A"@SEL\$7", "E"@SEL\$5") est=0.80 est\_nav=0.24  
adjfac=47.9864 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1")  
est=11.34 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2088930889  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2", "A"@SEL\$7", "JL"@SEL\$1") est=0.80  
est\_nav=0.24 adjfac=47.9864 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=8 id=3332806748  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=3332806748  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2", "E"@SEL\$5") est=0.29 est\_nav=0.29  
adjfac=4.2855 new\_est=1.26  
kkoatVerifyEst(exit)

```

    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
    kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
    pass=8 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01 est_nav=0.24
adjfac=47.9864 new_est=11.34
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=8 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=8 id=3575400687
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=8 id=2234998017
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1") est=0.29 est_nav=0.29 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
    kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)

```

```
kkoatVerifyEst(enter)
pass=8 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=0.24
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=8 id=3429333559
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
      VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
      kkoatVerifyEst(exit)
        kkoatVerifyIdxAcc(enter)
          table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
          kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
          type=SCAN
          kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
          kkoatVerifyIdxAcc(enter)
            table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
            kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
            type=FILTER
            kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
            kkoatVerifyIdxAcc(enter)
              table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
              kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
              type=FILTER
              kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
              kkoatVerifyEst(enter)
                pass=8 id=256891728
                kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=256891728
                VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
                est=8.84 est_nav=8.84 (no adjustment)
                kkoatVerifyEst(exit)
                  kkoatVerifyIdxAcc(enter)
                    table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
                    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
                    type=SCAN
                    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
                    kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
                    new_est=1.22
                    kkoatVerifyIdxAcc(enter)
                      table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
                      kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
                      type=FILTER
                      kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
                      kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
                      new_est=0.03
                      kkoatVerifyEst(enter)
                        pass=8 id=1255314465
                        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1255314465
                        VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
                        kkoatVerifyEst(exit)
                          kkoatVerifyIdxAcc(enter)
                            table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
    pass=8 id=1070271986
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=8 id=2410674656
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
```



```
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=8 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
```

```

    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=8 id=2556741784
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=8 id=2410674656
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=8 id=3186739620

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=8 id=71849249
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=71849249  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9") est=7.11 est\_nav=7.11 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new\_est=1.57  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619  
new\_est=1.57  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=8 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11") est=7.11 est\_nav=7.11 adjfac=46.5337  
new\_est=330.68  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=FILTER

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=8 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustement)
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=2410674656

```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=8 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=8 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=8 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=8 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=8 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$9", "A"@ "SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1421617759
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1421617759
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=2519426490
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2519426490
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=2762020429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1") est=275.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=8 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1619
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=2334384011  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2334384011  
Vlstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "J"@SEL\$2",  
"E"@SEL\$5", "A"@SEL\$9") est=221.03 est\_nav=8.84 adjfac=38.5691  
new\_est=341.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00  
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=8 id=2373359362  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2373359362  
Vlstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "J"@SEL\$2",  
"E"@SEL\$5", "A"@SEL\$7") est=221.03 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=101.2118 new\_est=25.00  
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=101.2118  
new\_est=25.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=8 id=2177446557  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=8 id=2177446557  
Vlstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$11") est=11.00 est\_nav=11.00 adjfac=25.0000 new\_est=275.00  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=8 id=2420040496



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2420040496
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=3517849227
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=8 id=1992404078
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9") est=7.35 est_nav=0.29 adjfac=38.5691
new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=8 id=2031379429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=2031379429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=8 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=8 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=8 id=1236575280
```

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kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=8 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1032956692
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1032956692
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=8 id=1275550631
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=8 id=1275550631
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x00000000230D7FD8
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E57E420
  kkoatStatsCollectTab(enter): froP=0x000000001E561CE8
kkoatStatsCollectTab: skip fro=000000001E561CE8
  kkoatStatsCollectTab(enter): froP=0x000000001E562898
kkoatStatsCollectTab: skip fro=000000001E562898
  kkoatStatsCollectTab(enter): froP=0x000000001F06B600
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F06B600
  kkoatTabStatsVerify(exit): statState=STALE
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001F069628
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F069628
```

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kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001F067658
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F067658
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001F062E88
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17D70 froP=0x000000001F062E88
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001F063180
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F181A8 froP=0x000000001F063180
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
  end kestsDoRounds() round error=0 msg=
  kestsDoRounds() round=10
  kkoatStatsCollectTab(enter): froP=0x000000001E514FE0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E514FE0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E5F0198
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E5F0198
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
  kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1D0C0
kkoatSetupQbCtx(exit): passNum=10 qbDone=yes atDone=yes
pass=10 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=10 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35) est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=10 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35)
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
jopP=0x000000001E55C058
kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=10 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001E55C058
    kkoatSaveJoinOrder(exit)
      kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
      kkoatVerifyEst(exit)
        kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
        kkoatVerifyEst(exit)
          kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
          kkoatVerifyEst(exit)
            kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
            kkoatVerifyEst(exit)
              kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
              kkoatVerifyEst(exit)
                kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
                kkoatVerifyEst(exit)
                  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
                  kkoatVerifyEst(exit)
                    kkoatVerifyEst(enter)
pass=10 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=10 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
                    kkoatVerifyEst(exit)
                      kkoatVerifyEst(enter)
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=10 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
                      kkoatVerifyEst(exit)
                        kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001F0E0D70
```

```
kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V1status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V1status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=10 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001F0E0D70
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_2"@SEL$3CE29736", "E"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_2"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_2"@SEL$3CE29736")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_2"@SEL$3CE29736",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1CE78
  kkoatSetupQbCtx(exit): passNum=10 qbCDone=yes atDone=yes
pass=10 id=776064964
```

```
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=10 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=10 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1CE78
joP=0x000000001F178040
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=10 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=10 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=2.36
est_nav=2.36 adjfac=0.4427 new_est=1.05
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=10 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=10 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=1.05 est_nav=1.05 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1CE78
joP=0x000000001F178040
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
      kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C0B8
      kkoatSetupQbCtx(exit): passNum=10 qbcDone=yes atDone=yes
      pass=10 id=776064964
      kkoatVerifyEst: complete, qbName=SEL$9CF1E98E pass=10 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$33") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=E index=SCHEDULER$_INSTANCE_PK estType=SKIP_SCAN
      kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
        kkoatVerifyEst(enter)
          pass=10 id=242593939
          kkoatVerifyEst: complete, qbName=SEL$9CF1E98E pass=10 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$33")
        kkoatVerifyEst(exit)
          kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C0B8
joP=0x000000001F178040
          kkoatRestoreJoinOrder(exit)
            kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
            kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
            kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
            kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
            kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
            kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
            kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
            kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
            kkoatVerifyEst(enter)
              pass=10 id=1018658903
              kkoatVerifyEst: complete, qbName=SEL$9CF1E98E pass=10 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
est=41.00 est_nav=41.00 (no adjustment)
            kkoatVerifyEst(exit)
              kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C0B8
joP=0x000000001F178040
              kkoatSaveJoinOrder(exit)
                kkoatVerifyEst(enter)
                  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C280
                  kkoatSetupQbCtx(exit): passNum=10 qbcDone=yes atDone=yes
                  pass=10 id=4109924817
                  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U"@SEL$26")
                kkoatVerifyEst(exit)
                  kkoatVerifyEst(enter)
                    pass=10 id=998422737
                    kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$26")
                  kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=10 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x0000000021544B38
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "AO"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=833616424
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "O"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2017081640
```

```
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1589445222
```

```
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26", "AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=591022485
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=833616424
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=833616424
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
    kkoatVerifyIdxAcc(exit): VIstatus=success est=0.03 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=1589445222
    kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=591022485
    kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccDerive(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
    kkoatVerifyIdxAccDerive(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
    kkoatVerifyIdxAccDerive(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
    kkoatVerifyIdxAccDerive(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=813380258
    kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=813380258
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("U"@SEL$26",
"O"@SEL$26")
    kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x0000000021544B38
    kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
    kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C558
    kkoatSetupQbCtx(exit): passNum=10 qbCDone=yes atDone=yes
pass=10 id=776064964
    kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=10 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$28")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)

```

```
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=10 id=242593939
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("D"@SEL$28) est=0.02
est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x0000000021544B38
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=10 id=1018658903
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("D"@SEL$28, "O"@SEL$28)
est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x0000000021544B38
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B8C8
kkoatSetupQbCtx(exit): passNum=10 qbcDone=yes atDone=yes
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$23 pass=10 id=242593939
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("R01"@SEL$23)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x0000000021544B38
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x0000000021544B38
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B9F8
kkoatSetupQbCtx(exit): passNum=10 qbcDone=yes atDone=yes
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$24 pass=10 id=242593939
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("L01"@SEL$24)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x0000000021544B38
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x0000000021544B38
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
```

```
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BB28
kkoatSetupQbCtx(exit): passNum=10 qbcDone=yes atDone=yes
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$21 pass=10 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21) est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BB28
joP=0x0000000021544B38
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BB28
joP=0x0000000021544B38
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BC58
kkoatSetupQbCtx(exit): passNum=10 qbcDone=yes atDone=yes
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$22 pass=10 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x0000000021544B38
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x0000000021544B38
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BD88
kkoatSetupQbCtx(exit): passNum=10 qbcDone=yes atDone=yes
pass=10 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@SEL$20)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021564028
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=10 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20)
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"J1"@SEL$20) est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
```



```
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"O1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=57551460
```

```
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=57551460
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J1"@SEL$20,
"JD1"@SEL$20) est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J1"@SEL$20,
"JD1"@SEL$20, "O1"@SEL$20) est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20,
"JD1"@SEL$20, "O1"@SEL$20, "U1"@SEL$20)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021564028
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A758
kkoatSetupQbCtx(exit): passNum=10 qbcDone=yes atDone=yes
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$52271521 pass=10 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x0000000021564028
kkoatRestoreJoinOrder(exit)
```

```
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x0000000021564028
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A898
kkoatSetupQbCtx(exit): passNum=10 qbCDone=yes atDone=yes
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$44902B2C pass=10 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@ "SEL$22")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x0000000021564028
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x0000000021564028
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=10 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@ "SEL$20")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021564028
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=10 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=813380258
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("O1"@ "SEL$20",
"J1"@ "SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1589445222
```

```
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=10 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021564028
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A9D8
kkoatSetupQbCtx(exit): passNum=10 qbCDone=yes atDone=yes
pass=10 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=10 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=998422737
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=10 id=998422737
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
```

```
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyEst(enter)
pass=10 id=776064964
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=10 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=10 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A9D8
joP=0x0000000021513F58
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=10 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "AO"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=10 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=10 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=833616424
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=10 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=10 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("D"@SEL$26",
"O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=10 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"O"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```



```
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=10 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("D"@SEL$26",
"O"@SEL$26", "AO"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=10 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"O"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=10 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("D"@SEL$26",
"O"@SEL$26", "U"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=10 id=591022485
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=10 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=833616424
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=10 id=833616424
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=10 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=591022485
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=10 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=10 id=813380258
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$26",
"O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A9D8
joP=0x0000000021513F58
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1ACB0
  kkoatSetupQbCtx(exit): passNum=10 qbcDone=yes atDone=yes
  pass=10 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=10 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$28")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=10 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=10 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$28") est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1ACB0
joP=0x0000000021513F58
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=10 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=10 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("D"@SEL$28",
"O"@SEL$28")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1ACB0
joP=0x0000000021513F58
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=10 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021513F58
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=10 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"J1"@SEL$20) est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1055974197
```

```
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1055974197
VEstatus=PUSHPREDED esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"O1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1055974197
VEstatus=PUSHPRED esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1832039161
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=57551460
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=57551460
Vestatus=PUSHPRED esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1055974197
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1832039161
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1774487701
Vestatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=10 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1832039161
VEstatus=PUSHPRD esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000021513F58
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=10 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=10 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=10 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000027567FD8
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=10 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000027567FD8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```



```
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1AE78
kkoatSetupQbCtx(exit): passNum=10 qbcDone=yes atDone=yes
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$19 pass=10 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("WM"@SEL$19) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$ WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$ WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
```

```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x000000002740C058
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x000000002740C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1AFA8
kkoatSetupQbCtx(exit): passNum=10 qbcDone=no atDone=no
pass=10 id=776064964
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=10 id=2113250766
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2113250766
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1593508212
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1593508212
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=598302687
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=598302687
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=402958856
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=402958856
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMO"@SEL$17")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=998422737
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J1"@SEL$18")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$18")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x000000002740C058
kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2017081640
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1696066402
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3439427928
VEstatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3182536200
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
```

```

kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3036469072
V!status=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3439427928
V!status=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3585495056
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3585495056
V!status=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17")

```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3439427928
VEstatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17", "CMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3367578679
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3367578679
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3182536200
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN

```



```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3439427928
VEstatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2519426490
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=4130332406
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1842133530
Vestatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1696066402
Vestatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3036469072
Vestatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3439427928
VEstatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=1018658903
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=2017081640
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")

```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=4130332406
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1428873322
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)

```

```
pass=10 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1696066402
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3036469072
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3439427928
VEstatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```



```
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1428873322
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3182536200
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```

    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=3036469072
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3439427928
VEstatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=1179023820
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)

```

```

table=WMO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2519426490
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2519426490
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1374367651
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1374367651
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2967875863
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2967875863
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=786159333
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=786159333
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1784582070
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1784582070
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)

```

```

table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS

```

```
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1428873322
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2027176009
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1842133530
Vestatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```

table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1696066402
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3439427928
VEstatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17",
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")

```



```
kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x000000002740C058
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
      kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B5C0
      kkoatSetupQbCtx(exit): passNum=10 qbcDone=yes atDone=no
      pass=10 id=776064964
      kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=10 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$15")
    kkoatVerifyEst(exit)
      kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x000000002740C058
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyEst(enter)
      pass=10 id=1018658903
      kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=10 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
    kkoatVerifyEst(exit)
      kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x000000002740C058
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
      pass=10 id=776064964
      kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=10 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$15")
    kkoatVerifyEst(exit)
      kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000272426B8
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyEst(enter)
      pass=10 id=1018658903
      kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=10 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
    kkoatVerifyEst(exit)
      kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x00000000272426B8
  kkoatSaveJoinOrder(exit)
    kkoatVerifyEst(enter)
      pass=10 id=242593939
      kkoatVerifyEst: complete, qbName=SEL$23 pass=10 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("R01"@SEL$23")
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ2 estType=SKIP_SCAN
      kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
      kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ5 estType=SKIP_SCAN
      kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
      kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x000000002740C058
  kkoatRestoreJoinOrder(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x000000002740C058
```

```
kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$24 pass=10 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO1"@SEL$24")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO1 index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x000000002740C058
kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x000000002740C058
kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=10 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000002740C058
kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=10 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=591022485
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"J1"@SEL$20")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=10 id=833616424
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "O1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000002740C058
kkoatSaveJoinOrder(exit)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F196E0
kkoatSetupQbCtx(exit): passNum=10 qbcDone=yes atDone=no
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x000000002740C058
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x000000002740C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F19810
kkoatSetupQbCtx(exit): passNum=10 qbcDone=yes atDone=no
pass=10 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=998422737
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30)
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x000000002740C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=10 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3211417182
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2359061573
Vstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")

```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=872591775
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2212994445
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2929847892
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2783780764
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=10 id=2783780764
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2783780764
V!status=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
V!status=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2968823243
V!status=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=10 id=2783780764
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2116467634
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=629997836
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1970400506
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1970400506
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
```

```

    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=10 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=10 id=3357484310
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3357484310
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)

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```
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

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    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=10 id=3211417182
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3211417182
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=10 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=2359061573
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2359061573
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=872591775
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=872591775
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)

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table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2212994445
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1241016676
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)

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kkoatVerifyEst(enter)
pass=10 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2250309739
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
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kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2581419346
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2581419346
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2396376867
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2250309739

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```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2250309739
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2435352218
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=10 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2250309739
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1582996609
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=96526811
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1436929481
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=10 id=813380258
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=813380258
V!status=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2153782928
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2153782928
V!status=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2338825407
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2338825407
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=10 id=2007715800
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2007715800
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=2783780764
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2783780764
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=2250309739
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2250309739
Vstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)

```



```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2192758279
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2192758279
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2007715800
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2783780764
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2250309739
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@ "SEL$12",
"JO"@ "SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@ "SEL$12",
"JO"@ "SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@ "SEL$30",
"D12"@ "SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2017081640
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
```

```

    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=10 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=10 id=3357484310
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=10 id=3172441831
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)

```

```

table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2359061573
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1589445222

```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2116467634
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1018658903
Vestatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2017081640
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1832039161
```



```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3357484310
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2359061573
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1241016676
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=10 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2581419346
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2581419346
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2396376867
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1582996609
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2929847892
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2396376867
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=10 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=10 id=2338825407
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2338825407
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)

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    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=10 id=2153782928
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2153782928
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=2929847892
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2929847892
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=3172441831
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
Vstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=10 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)

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```
kkoatVerifyEst(enter)
pass=10 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2396376867
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x000000002740C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=10 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=4148900168
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kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=998422737
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x000000002306C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=10 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
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"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

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table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3357484310
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)

```

```
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3211417182
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=872591775
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2212994445
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1589445222
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2929847892
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```



```
kkoatVerifyEst(enter)
pass=10 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=10 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2968823243
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=629997836
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=629997836
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1970400506
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3357484310
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3211417182
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2359061573
Vstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=10 id=872591775
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2212994445
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1241016676
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```



```
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2250309739
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
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"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2581419346
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2581419346
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2396376867
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=10 id=2250309739
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2250309739
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2435352218
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```

table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2250309739
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1582996609
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1436929481
Vestatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=813380258
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2153782928
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2338825407
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2338825407
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustement)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=10 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30) est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2192758279
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
```



```
pass=10 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2929847892
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
Vstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=3114890371
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3114890371
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2929847892
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
Vstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3172441831
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1241016676
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=10 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```



```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3357484310
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
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"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1055974197
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
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"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30) est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
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"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2581419346
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2581419346
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3357484310
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2396376867
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

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table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1582996609
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "DI"@SEL$30",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN

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kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2929847892
V!status=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "DI"@SEL$30",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
V!status=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
V!status=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "DI"@SEL$30",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```



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table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3114890371
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "DI"@SEL$30",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "DI"@SEL$30",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "DI"@SEL$30",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=813380258
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=1589445222
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2929847892
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=10 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2338825407
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2338825407
Vstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3114890371
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2929847892
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
Vstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2153782928
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=2929847892
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3172441831
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=10 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x000000002306C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F19C00
kkoatSetupQbCtx(exit): passNum=10 qbcDone=yes atDone=no
pass=10 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=4148900168
Vestatus=NOPREDS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=4109924817
Vestatus=NOPREDS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=998422737
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=998422737
Vestatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=776064964
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=776064964
Vestatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=242593939
Vestatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
kkoatVerifyEst(exit)
```

```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x000000002740C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=10 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31, "LO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=10 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```



```
kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31, "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
```

```
kkoatVerifyEst(enter)
pass=10 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=10 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31, "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=10 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=10 id=1774487701
    kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1774487701
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@ "SEL$31",
"LCO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@ "SEL$31",
"LCO"@ "SEL$31", "LO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=10 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@ "SEL$31",
"LCO"@ "SEL$31", "LO"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=10 id=2017081640
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 adjfac=22.0875
new_est=22.09
```

```
kkoatVerifyEst(enter)
pass=10 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31, "PO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("L"@SEL$31,
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31, "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=10 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@ "SEL$31", "L"@ "SEL$31",
"LCO"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@ "SEL$31", "L"@ "SEL$31",
"LCO"@ "SEL$31", "PO"@ "SEL$31", "LU"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=10 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=10 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=10 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=10 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
```



```
kkoatVerifyEst(enter)
pass=10 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=591022485
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1443378094
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=10 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=4206451628
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x000000002740C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=10 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
```

```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x0000000027464028
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=10 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31, "LO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```

table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)

```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
Vestatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=872591775
Vestatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1871014512
Vestatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```

table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1685972033

```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
```



```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31", "LO"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31", "LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31", "LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1774487701
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
```

```

    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
Vestatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31, "PO"@SEL$31, "LU"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1443378094
Vestatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31, "LU"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccReUse(exit)
    kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
    kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
    kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
    kkoatVerifyIdxAcc(enter)

```

```
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=10 id=1685972033
    kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31, "LO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=872591775
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=833616424
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=591022485
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("L"@SEL$31,
"LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31, "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
```



```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=687549296
    kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=1685972033
    kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=444955357
    kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31, "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=96526811
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=96526811
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
```

```
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```



```
kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=591022485
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=444955357
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@ "SEL$31", "L"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```

table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER

```

```
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```

table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN

```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=96526811
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LO"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@ "SEL$31",
"LU"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@ "SEL$31",
"LU"@ "SEL$31", "L"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=10 id=591022485
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=4206451628
Vlstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=57551460
```



```
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=4206451628
Vlstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$31 pass=10 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x0000000027464028
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000016E8AB58
  kkoatSetupQbCtx(exit): passNum=9 qbcDone=yes atDone=no
  pass=9 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x000000002740C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1992404078
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1992404078  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "J"@SEL\$2") est=0.29 est\_nav=0.29 adjfac=38.5691  
new\_est=11.34

kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=3332806748

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3332806748  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "J"@SEL\$2", "E"@SEL\$5") est=11.34 est\_nav=0.29  
adjfac=4.2855 new\_est=1.26

kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new\_est=11.00  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332  
new\_est=11.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=9.12 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```



```
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=11.34 est_nav=0.29 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=11.34
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=9.12
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN

```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1458933053
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2234998017
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```

    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=3575400687
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=9 id=2088930889
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN

```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)

```

```
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=993981341
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=993981341
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=9 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1992404078
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",

```

"J"@SEL\$2", "A"@SEL\$11") est=8.84 est\_nav=8.84 adjfac=38.5691  
new\_est=341.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=FILTER  
\*\*\* 2013-01-09 23:53:49.676  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=3332806748  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3332806748  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"J"@SEL\$2", "A"@SEL\$11", "E"@SEL\$5") est=11.34 est\_nav=0.29  
adjfac=4.2855 new\_est=1.26  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new\_est=11.00  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332  
new\_est=11.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER



```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=9.12 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2234998017
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=11.34 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```

    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=3575400687
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.34
est_nav=0.29 adjfac=38.5691 new_est=11.34
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=9 id=2088930889
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=9.12
est_nav=0.24 adjfac=47.9864 new_est=11.34
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN

```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5) est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=9 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=341.00 est_nav=8.84
adjfac=4.2855 new_est=37.89
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)

```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=274.08 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1625
new_est=0.04
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=274.08
est_nav=7.11 adjfac=47.9864 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=274.08
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2576977950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
```

```
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=341.00
est_nav=8.84 adjfac=38.5691 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=274.08
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=847914213
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 adjfac=47.9864
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=341.00 est_nav=7.11
adjfac=3.3930 new_est=24.11
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
```



```
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=341.00 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=341.00
est_nav=7.11 adjfac=47.9864 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=341.00
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1090508152
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=341.00 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=341.00
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=341.00
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1236575280
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$11") est=341.00 est_nav=8.84 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11") est=341.00
est_nav=8.84 adjfac=38.5691 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=274.08
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1090508152
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1090508152  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"J"@SEL\$2", "JL"@SEL\$1", "A"@SEL\$7") est=274.08 est\_nav=7.11 (no  
adjustment)

kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)

pass=9 id=1558319047  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1558319047  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5") est=8.84 est\_nav=8.84 (no adjustment)

kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03

```
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=37.4015
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3575400687
```



kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3575400687  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "A"@SEL\$11", "JL"@SEL\$1", "J"@SEL\$2") est=11.00  
est\_nav=0.29 adjfac=38.5691 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "A"@SEL\$11", "JL"@SEL\$1", "A"@SEL\$7") est=8.84  
est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "A"@SEL\$11", "JL"@SEL\$1", "A"@SEL\$7", "J"@SEL\$2")  
est=8.84 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=2334384011  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2334384011  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "J"@SEL\$2") est=8.84 est\_nav=8.84 adjfac=38.5691  
new\_est=341.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=9 id=3332806748

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=341.00 est_nav=8.84
adjfac=4.2855 new_est=37.89
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2188316883
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=274.08 est_nav=7.11 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1625
new_est=0.04
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=274.08
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=9 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=274.08
est_nav=7.11 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=9 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11") est=341.00
est_nav=8.84 adjfac=38.5691 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=274.08
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1412251919
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
V!status=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2") est=0.24
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
V!status=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
V!status=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
est=0.24 est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2188316883
V!status=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=7.11 est_nav=7.11 (no
adjustement)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1654845858
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=9 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
    VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
    "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=7.11
    est_nav=7.11 (no adjustment)
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
        pass=9 id=3429333559
        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
        VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
        "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
        est=0.24 est_nav=0.24 (no adjustment)
        kkoatVerifyEst(exit)
          kkoatVerifyEst(enter)
            pass=9 id=2430910822
            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
            VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
            "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=7.11
            est_nav=7.11 (no adjustment)
            kkoatVerifyEst(exit)
              kkoatVerifyEst(enter)
                pass=9 id=1800912986
                kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1800912986
                VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
                "E"@SEL$5", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
                kkoatVerifyEst(exit)
                  kkoatVerifyIdxAcc(enter)
                    table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
                    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
                    type=SCAN
                    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
                    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
                    new_est=1.22
                    kkoatVerifyIdxAcc(enter)
                    table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
                    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
                    type=FILTER
                    kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
                    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
                    new_est=0.03
                    kkoatVerifyEst(enter)
                      pass=9 id=2799335723
                      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
                      VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
                      "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=8.84 est_nav=8.84 (no
                      adjustment)
                      kkoatVerifyEst(exit)
                        kkoatVerifyEst(enter)
                          pass=9 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2") est=0.29
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=8.84 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
```



```
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11") est=341.00
est_nav=8.84 adjfac=38.5691 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7") est=274.08
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=7.11 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
V!status=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=71849249
V!status=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=847914213
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2") est=7.11 est_nav=7.11 adjfac=47.9864
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=1846336950
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=341.00 est_nav=7.11
adjfac=3.3930 new_est=24.11
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=341.00 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
```



```
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=341.00
est_nav=7.11 adjfac=47.9864 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=341.00
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1090508152
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=341.00 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11") est=341.00
est_nav=7.11 adjfac=47.9864 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=341.00
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1412251919
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=0.24
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1654845858
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
est=0.24 est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=9 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=7.11
est_nav=7.11 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=9 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER

```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=9 id=1401381593  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1401381593  
Vstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$5", "A"@SEL\$11")  
est=11.00 est\_nav=11.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1216339114  
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9") est=0.29 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new\_est=11.00  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332  
new\_est=11.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1070271986  
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7") est=0.24 est\_nav=0.24 adjfac=46.5337  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)



```

table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
```

```
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=0.80 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=8.84 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
V!status=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
V!status=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=1.01 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```



```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)

```

```
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2") est=11.00 est_nav=0.29 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7") est=9.12 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=11.34 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
```

"A"@SEL\$9", "J"@SEL\$2", "E"@SEL\$5", "JL"@SEL\$1") est=1.26  
est\_nav=0.29 adjfac=38.5691 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=2234998017  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2234998017  
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2", "JL"@SEL\$1") est=11.34 est\_nav=0.29 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00  
kkoatVerifyIdxAcc(exit): Vestatus=success est=0.25 adjfac=4.0485  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vestatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2088930889  
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2", "JL"@SEL\$1", "A"@SEL\$7") est=9.12  
est\_nav=0.24 adjfac=47.9864 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=SCAN

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=11.34
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1255314465
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
```

"A"@SEL\$7", "A"@SEL\$9", "J"@SEL\$2", "E"@SEL\$5") est=0.80 est\_nav=0.24  
adjfac=47.9864 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "A"@SEL\$9", "J"@SEL\$2", "E"@SEL\$5", "JL"@SEL\$1")  
est=11.34 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2088930889  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "A"@SEL\$9", "J"@SEL\$2", "JL"@SEL\$1") est=0.80  
est\_nav=0.24 adjfac=47.9864 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=2595717135  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2595717135  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "E"@SEL\$5") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9") est=0.24 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2") est=0.24 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2838311074
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2838311074
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=8.84 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9") est=0.24
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "J"@SEL$2")
est=0.24 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3614376038
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustement)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=9 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1255314465
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=217916377
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=217916377  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=9 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1216339114  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS

```
kkoatVerifyEst(enter)
pass=9 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vlstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
Vlstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vlstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN

```



```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
```

"A"@SEL\$11", "JL"@SEL\$1", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2")  
est=8.84 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=256891728  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=256891728  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$7", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vistatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=71849249  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=71849249  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9") est=7.11 est\_nav=7.11 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new\_est=1.57  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619  
new\_est=1.57  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER

```
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=9 id=1070271986
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=9 id=2410674656
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=9 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```



```

table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
```

```
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
```

```
pass=9 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
```

"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2", "JL"@SEL\$1")  
est=11.34 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1") est=11.00  
est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2")  
est=11.00 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1846336950  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "J"@SEL\$2") est=11.00 est\_nav=0.24  
adjfac=3.3930 new\_est=0.80  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS

```
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3429333559
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "J"@SEL\$2", "JL"@SEL\$1", "E"@SEL\$5")  
est=11.34 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=1312865925  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1312865925  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1") est=11.00 est\_nav=0.24 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5") est=11.00  
est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",



```
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.34
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=3332806748
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=11.34 est_nav=0.29
adjfac=4.2855 new_est=1.26
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
    kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=9 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",

```

```
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=9.12 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2234998017
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=11.34 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=11.34
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=645552795
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=645552795
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1421617759
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1421617759
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2762020429
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5") est=275.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=3760443166
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3760443166
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=11.00 est_nav=11.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```



kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=3575400687  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3575400687  
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"J"@SEL\$2", "E"@SEL\$5", "A"@SEL\$11", "A"@SEL\$9") est=0.29  
est\_nav=0.29 adjfac=38.5691 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=3614376038  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3614376038  
Vlstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL\$5",  
"JL"@SEL\$1", "J"@SEL\$2", "E"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00  
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=2576977950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2576977950  
Vlstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"J"@SEL\$2", "E"@SEL\$5", "A"@SEL\$9") est=8.84 est\_nav=8.84  
adjfac=38.5691 new\_est=341.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new\_est=0.03

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$9", "A"@SEL$11") est=341.00
est_nav=8.84 adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$9", "A"@SEL$7") est=274.08
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2615953301
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2615953301
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
```

"J"@SEL\$2", "E"@SEL\$5", "A"@SEL\$7") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyEst(enter)  
pass=9 id=3614376038  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3614376038  
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2", "E"@SEL\$5", "A"@SEL\$7", "A"@SEL\$11")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=2430910822  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2430910822  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2", "E"@SEL\$5", "A"@SEL\$7", "A"@SEL\$9") est=7.11 est\_nav=7.11 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485 new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=2420040496
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2420040496
  VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
  "J"@SEL$2", "A"@SEL$11") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3760443166
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3760443166
  VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
  "J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=275.00 est_nav=11.00 (no
  adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$9") est=7.35
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3614376038
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$9") est=7.35 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1619
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=2273973368  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2273973368  
Vlstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"J"@SEL\$2", "A"@SEL\$11", "A"@SEL\$7") est=221.03 est\_nav=8.84  
adjfac=1.2442 new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new\_est=0.04  
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1619  
new\_est=0.04  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=1236575280  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1236575280  
Vlstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"J"@SEL\$2", "A"@SEL\$9") est=221.03 est\_nav=8.84 adjfac=38.5691  
new\_est=341.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2576977950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "E"@SEL$5") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "E"@SEL$5", "A"@SEL$11") est=341.00
est_nav=8.84 adjfac=38.5691 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
```

```
"J"@SEL$2", "A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=274.08
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$11") est=341.00 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1090508152
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$7") est=274.08 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1619
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
```



kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=1275550631  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1275550631  
Vlstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"J"@SEL\$2", "A"@SEL\$7") est=221.03 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=2615953301  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2615953301  
Vlstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"J"@SEL\$2", "A"@SEL\$7", "E"@SEL\$5") est=221.03 est\_nav=8.84 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3614376038
Vestatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$9") est=177.65
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=460510316
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=460510316
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=341.00
est_nav=8.84 adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=499485667
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=499485667
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1275550631
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1275550631
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2615953301
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2615953301
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5") est=8.84 est_nav=8.84 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3614376038
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$7",
"A"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x000000002740C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
```

```
pass=9 id=402958856
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=0.29
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=998422737
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027A7C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=10.67
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=10.67 est_nav=0.29
adjfac=4.2855 new_est=1.22
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",

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"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=1.22
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
est=8.84 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.57 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=8.57
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.57
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.57 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=10.67 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=10.67
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
est=8.84 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.57
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
est=8.57 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=9 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.22
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

"A"@SEL\$11", "J"@SEL\$2", "E"@SEL\$5", "JL"@SEL\$1") est=1.22  
est\_nav=0.29 adjfac=38.5691 new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1846336950  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "J"@SEL\$2", "A"@SEL\$7") est=8.84 est\_nav=0.23  
adjfac=3.3930 new\_est=0.78  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=3186739620

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.78
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.78
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=10.67 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=10.67 est_nav=0.23
adjfac=3.3930 new_est=0.78
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=0.78
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "J"@SEL\$2", "E"@SEL\$5", "JL"@SEL\$1")  
est=11.00 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2088930889  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "J"@SEL\$2", "JL"@SEL\$1") est=0.78  
est\_nav=0.23 adjfac=47.9864 new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "J"@SEL\$2", "JL"@SEL\$1", "E"@SEL\$5")  
est=11.00 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=1312865925  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1312865925  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",

"A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1") est=10.67 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5") est=10.67  
est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5", "J"@SEL\$2")  
est=10.67 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2088930889  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5", "A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2") est=10.67  
est\_nav=0.23 adjfac=47.9864 new\_est=11.00  
kkoatVerifyEst(exit)

```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
est=11.00 est_nav=0.23 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=1458933053
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=10.67
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS

```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=10.67 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.57
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)

```

```
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
est=8.57 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=10.67 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5") est=10.67
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7") est=8.57
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.57 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "A"@SEL\$7", "E"@SEL\$5") est=8.57  
est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2")  
est=8.57 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2088930889  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "JL"@SEL\$1", "A"@SEL\$7", "J"@SEL\$2") est=8.57  
est\_nav=0.23 adjfac=47.9864 new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1558319047
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1558319047
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=9 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=10.67
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=10.67 est_nav=0.29
adjfac=4.2855 new_est=1.22
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vlstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=1.22
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vlstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
est=8.84 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=8.57 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=8.57
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=8.57
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.57 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=10.67 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=10.67
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
est=8.84 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.57
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
est=8.57 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2334384011
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```

table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.22
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=1.22
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)

```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2188316883
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=8.84 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=8.84
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=9 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=11.00 est_nav=0.29
adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=0.23 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2") est=0.23
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=0.23 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1625
new_est=0.04
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=0.23
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
```

```
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=0.23 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2430910822
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1800912986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=9 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=0.29 est_nav=0.29 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2") est=0.29
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
est=8.84 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=9 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7") est=8.84
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=0.23 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=993981341
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1992404078
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.22
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)

```



```
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=1.22
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=8.84 est_nav=0.23
adjfac=3.3930 new_est=0.78
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=0.78
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=0.78
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=9 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.22
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=1.22
est_nav=0.29 adjfac=38.5691 new_est=11.00
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
      kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
      kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
      kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
      kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
      kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
      kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
      kkoatVerifyEst(enter)
pass=9 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.23 (no
adjustment)
      kkoatVerifyEst(exit)
        kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
        kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
        kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
        kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1625
new_est=0.04
        kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
        kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
        kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
        kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
        kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=8.84
est_nav=0.23 adjfac=47.9864 new_est=11.00
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=9 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```



```
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=10.67 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=1401381593
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1401381593
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1216339114  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9") est=0.29 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new\_est=11.00  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332  
new\_est=11.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7") est=0.23 est\_nav=0.23 adjfac=46.5337  
new\_est=10.67  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=10.67 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=10.67 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)

```

```
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1070271986  
Vlstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9") est=0.23 est\_nav=0.23 adjfac=46.5337  
new\_est=10.67  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2410674656  
Vlstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9", "E"@SEL\$5") est=10.67 est\_nav=0.23 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2653268595  
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9", "E"@SEL\$5", "JL"@SEL\$1") est=10.67  
est\_nav=0.23 (no adjustment)

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=10.67 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
    kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```



kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=9 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1216339114  
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11") est=0.29 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=2556741784  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2556741784  
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5") est=0.29 est\_nav=0.29 adjfac=37.4015  
new\_est=10.67  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)

```
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.57 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.57
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.57 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=8.57
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=9 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=10.67 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=9 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
```

```

kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=10.67
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.57 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",

```

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"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=8.57
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.57
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.57 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=71849249  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=71849249  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9") est=0.23 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new\_est=1.57  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619  
new\_est=1.57  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=9 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11") est=0.23 est\_nav=0.23 adjfac=46.5337  
new\_est=10.67  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN



```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=9 id=2410674656
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustment)
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
      pass=9 id=3186739620
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
      kkoatVerifyEst(exit)
        kkoatVerifyEst(enter)
        pass=9 id=3429333559
        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
        kkoatVerifyEst(exit)
          kkoatVerifyEst(enter)
          pass=9 id=2653268595
          kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustment)
          kkoatVerifyEst(exit)
            kkoatVerifyEst(enter)
            pass=9 id=3429333559
            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=10.67 est_nav=0.23 (no adjustment)
            kkoatVerifyEst(exit)
              kkoatVerifyEst(enter)
              pass=9 id=645552795
              kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=645552795
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=11.00 (no adjustment)
              kkoatVerifyEst(exit)
                kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1985955465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1985955465
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5") est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2762020429
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2576977950

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=9 id=3760443166
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3760443166
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=11.00 est_nav=11.00 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=460510316
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=460510316
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1") est=0.29 est_nav=0.29 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1800912986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03

```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=9 id=3575400687
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
    VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
    "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=11.00
    est_nav=0.29 adjfac=38.5691 new_est=11.00
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
        table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
        kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
        type=SCAN
        kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
        kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
        new_est=0.03
          kkoatVerifyIdxAcc(enter)
            table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
            kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
            type=FILTER
            kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
            Vistatus=success est=0.25 (no adjustment)
            kkoatVerifyEst(enter)
              pass=9 id=2430910822
              kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
              VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
              "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=8.84
              est_nav=0.23 (no adjustment)
              kkoatVerifyEst(exit)
                kkoatVerifyIdxAcc(enter)
                  table=A index=WRI$_ADV_TASKS_PK estType=SCAN
                  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
                  type=SCAN
                  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
                  kkoatVerifyIdxAcc(enter)
                    table=A index=WRI$_ADV_TASKS_PK estType=FILTER
                    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
                    type=FILTER
                    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
                    kkoatVerifyIdxAcc(enter)
                      table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
                      kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
                      type=FILTER
                      kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
                      kkoatVerifyEst(enter)
                        pass=9 id=256891728
                        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=256891728
                        VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
                        est=8.84 est_nav=8.84 (no adjustment)
                        kkoatVerifyEst(exit)
                          kkoatVerifyEst(enter)
                            pass=9 id=499485667
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=499485667  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"JL"@SEL\$1") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=1839888337  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1839888337  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"JL"@SEL\$1", "E"@SEL\$5") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=2615953301  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2615953301  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$7", "A"@SEL\$5",  
"JL"@SEL\$1", "E"@SEL\$5", "J"@SEL\$2") est=8.84 est\_nav=8.84 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9") est=0.23 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027A7C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=9 id=402958856
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=0.29
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@ "SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027A7C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@ "SEL$9", "A"@ "SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1558319047
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1558319047
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=1412251919
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1412251919
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=0.19 est_nav=0.19 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=0.19
est_nav=0.19 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
est=0.19 est_nav=0.19 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=0.23 est_nav=0.23 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=0.19
est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
est=0.19 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
est=0.19 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2188316883
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=0.23 est_nav=0.23 (no
adjustement)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
est=0.19 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=0.23 est_nav=0.23 adjfac=37.4015
new_est=8.73
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=11.02 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.02
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=11.02 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=11.02
est_nav=0.29 adjfac=47.9864 new_est=14.14
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=8.73 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=11.02
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
est=11.02 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=8.73
est_nav=0.23 adjfac=38.5691 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
est=11.37 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=8.73 est_nav=0.23
adjfac=4.2855 new_est=1.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=1.26
est_nav=0.29 adjfac=47.9864 new_est=14.14
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=1.00
est_nav=0.23 adjfac=38.5691 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
est=11.37 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1800912986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1654845858
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=0.23 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11") est=0.19
est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
est=0.19 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
```

```
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
est=0.19 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=0.23 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7") est=0.29
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
est=0.29 est_nav=0.29 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2") est=0.23
est_nav=0.23 adjfac=38.5691 new_est=9.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
est=11.37 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1306
new_est=0.03
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7") est=8.84
est_nav=0.23 (no adjustment)
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11") est=9.00
est_nav=0.23 adjfac=38.5691 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=8.84 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04

```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=7.23
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=9.00 est_nav=0.23
adjfac=4.2855 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=1.26
est_nav=0.29 adjfac=47.9864 new_est=14.14
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=1.00
est_nav=0.23 adjfac=38.5691 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2576977950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=11.00 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11") est=9.00
est_nav=0.23 adjfac=38.5691 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1412251919
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=0.19 est_nav=0.19 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=0.19
est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)

```



```
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
est=0.19 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=0.23 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=0.19
est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
est=0.19 est_nav=0.19 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
est=0.19 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=9 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=0.23 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1625
new_est=0.04
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
est=0.19 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=1070271986
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "A"@SEL\$11") est=0.19 est\_nav=0.19 adjfac=46.5337  
new\_est=8.73  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2410674656  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "A"@SEL\$11", "E"@SEL\$5") est=8.73 est\_nav=0.19 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "A"@SEL\$11", "E"@SEL\$5", "JL"@SEL\$1") est=8.73  
est\_nav=0.19 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",

```
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=8.73 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=8.73
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=8.73 est_nav=0.19 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=8.73
est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=8.73 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=8.73
est_nav=0.19 adjfac=47.9864 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3429333559
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3429333559  
VEstatus=EXISTS estttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "A"@SEL\$11", "JL"@SEL\$1", "J"@SEL\$2", "E"@SEL\$5")  
est=9.00 est\_nav=0.19 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1846336950  
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "A"@SEL\$11", "J"@SEL\$2") est=8.73 est\_nav=0.19  
adjfac=3.3930 new\_est=0.64  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3186739620  
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "A"@SEL\$11", "J"@SEL\$2", "E"@SEL\$5") est=0.64  
est\_nav=0.19 adjfac=47.9864 new\_est=9.00  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3429333559  
VEstatus=EXISTS estttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",

```
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=0.64
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=314443188
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=314443188
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```



```

table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=0.23 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",

```

```
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11") est=0.19
est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
est=0.19 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
est=0.19 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=1312865925
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1312865925  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "JL"@SEL\$1", "A"@SEL\$11") est=0.19 est\_nav=0.19 (no  
adjustement)

kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)

pass=9 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "JL"@SEL\$1", "A"@SEL\$11", "E"@SEL\$5") est=0.19  
est\_nav=0.19 (no adjustement)

kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "JL"@SEL\$1", "A"@SEL\$11", "E"@SEL\$5", "J"@SEL\$2")  
est=0.19 est\_nav=0.19 (no adjustement)

kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2088930889  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",

```
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1090508152
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=0.23 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")
est=0.19 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=847914213
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=847914213
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2") est=0.23 est_nav=0.23 adjfac=47.9864
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=11.00 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=9.00
est_nav=0.19 adjfac=47.9864 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=9.00 est_nav=0.19
adjfac=3.3930 new_est=0.64
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```



```

table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=0.64
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=0.64
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1090508152
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=11.00 est_nav=0.23 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN

```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11") est=9.00
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=9 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.23 est_nav=0.23 adjfac=37.4015
new_est=8.73
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=11.02 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=11.02
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=11.02 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=11.02
est_nav=0.29 adjfac=47.9864 new_est=14.14
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=9 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=8.73 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=11.02
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
est=11.02 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=8.73
est_nav=0.23 adjfac=38.5691 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
est=11.37 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=8.73 est_nav=0.23
adjfac=4.2855 new_est=1.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=1.26
est_nav=0.29 adjfac=47.9864 new_est=14.14
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=1.00
est_nav=0.23 adjfac=38.5691 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
est=11.37 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.29 est_nav=0.29 adjfac=46.5337
new_est=13.71
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=13.71 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=13.71
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=13.71 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=13.71
est_nav=0.29 adjfac=47.9864 new_est=14.14
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=13.71 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```



```

table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=13.71
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=13.71 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=13.71
est_nav=0.29 adjfac=47.9864 new_est=14.14
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
est=14.14 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=13.71 est_nav=0.29
adjfac=3.3930 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=1.00
est_nav=0.29 adjfac=47.9864 new_est=14.14
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=1.00
est_nav=0.29 adjfac=47.9864 new_est=14.14
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```

kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3429333559  
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "J"@SEL\$2", "JL"@SEL\$1", "E"@SEL\$5")  
est=14.14 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=256891728  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=256891728  
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$7", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vistatus=success est=0.25 (no adjustment)

```
kkoatVerifyEst(enter)
pass=9 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11") est=0.19 est_nav=0.19 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=0.19
est_nav=0.19 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
est=0.19 est_nav=0.19 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=1401381593
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1401381593  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$5", "A"@SEL\$11")  
est=9.00 est\_nav=9.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1216339114  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9") est=2.57 est\_nav=2.57 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new\_est=11.00  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332  
new\_est=11.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7") est=3.24 est\_nav=3.24 adjfac=46.5337  
new\_est=150.86  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=SCAN

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=150.86 est_nav=3.24 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=150.86
est_nav=3.24 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=150.86 est_nav=3.24 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=150.86
est_nav=3.24 adjfac=47.9864 new_est=155.57
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=155.57 est_nav=3.24 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
```



```

table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=9 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)

```

```
pass=9 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.29 est_nav=0.29 adjfac=46.5337
new_est=13.71
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=13.71 est_nav=0.29 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=13.71
est_nav=0.29 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
```

"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2")  
est=13.71 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3186739620  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2") est=13.71  
est\_nav=0.29 adjfac=47.9864 new\_est=14.14  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2", "JL"@SEL\$1")  
est=14.14 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=256891728  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=256891728  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$7", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=9 id=1255314465

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1255314465  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$11") est=7.23 est\_nav=7.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9") est=2.06 est\_nav=2.06 adjfac=46.5337  
new\_est=96.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=2410674656

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=96.00 est_nav=2.06 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=96.00
est_nav=2.06 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=96.00 est_nav=2.06 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2") est=96.00
est_nav=2.06 adjfac=47.9864 new_est=99.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=99.00 est_nav=2.06 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustement)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.29 est_nav=0.29 adjfac=46.5337
new_est=13.71
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=13.71 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=13.71
est_nav=0.29 adjfac=47.9864 new_est=14.14
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
est=14.14 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=13.71
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=13.71 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
```



```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=9 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=0.19 est_nav=0.19 adjfac=46.5337
new_est=8.73
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1") est=8.73 est_nav=0.19 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=8.73
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=8.73
est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=8.73 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=9 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.29 est_nav=0.29 adjfac=46.5337
new_est=13.71
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=13.71 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=13.71
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=13.71 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=13.71
est_nav=0.29 adjfac=47.9864 new_est=14.14
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2", "JL"@SEL\$1")  
est=14.14 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=256891728  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=256891728  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$7", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=71849249  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=71849249  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9") est=0.23 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new\_est=1.57  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619  
new\_est=1.57  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=9 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1070271986  
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11") est=0.19 est\_nav=0.19 adjfac=46.5337  
new\_est=8.73  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2410674656  
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11", "E"@SEL\$5") est=8.73 est\_nav=0.19 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2653268595  
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$7", "A"@SEL\$5",

```
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=8.73
est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=8.73 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=8.73
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=645552795
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=645552795
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1985955465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1985955465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5") est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2762020429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)

```



```
pass=9 id=3760443166
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3760443166
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=9.00 est_nav=9.00 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=460510316
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=460510316
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1") est=0.29 est_nav=0.29 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1800912986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=9.00
est_nav=0.23 adjfac=38.5691 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=8.84
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=499485667
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=499485667
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=1839888337
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1839888337
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=2615953301
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2615953301
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=8.84 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9") est=0.23 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027A7C058
  kkoatSaveJoinOrder(exit)
```

```
kkoatVerifyEst(enter)
pass=10 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=10 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=10 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000027BE7518
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=10 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000027BE7518
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000027BE7518
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000027BE7518
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A500
kkoatSetupQbCtx(exit): passNum=10 qbCDone=yes atDone=no
pass=10 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=10 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=10 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=776064964
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30)
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027BE7518
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=10 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1436929481
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2435352218
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1094949548
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=629997836
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=10 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=10 id=1871014512
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2968823243
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
      kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
      kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
      kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
        kkoatVerifyEst(enter)
pass=10 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
        kkoatVerifyEst(exit)
          kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
          kkoatVerifyEst(exit)
            kkoatVerifyEst(enter)
pass=10 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
            kkoatVerifyEst(exit)
              kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
              kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
                kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
                  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
                  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
                    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
                      kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
                      kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
                        kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
                          kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
                          kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
                            kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=10 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1970400506
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2968823243
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=10 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2968823243
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2007715800
```



```
kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=10 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=10 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=10 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x00000000217BC058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=10 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=10 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
```



```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
VEstatus=TABESTMISS estttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS estttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1094949548
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=629997836
VEstatus=CARTPROD estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=872591775
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2783780764
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```



```
kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$ JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$ JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$ JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=852355609
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=10 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2968823243
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```



```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2783780764
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2007715800
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2783780764
```



```
kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F18840
kkoatSetupQbCtx(exit): passNum=10 qbcDone=yes atDone=no
pass=10 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyEst(enter)
pass=10 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatVerifyEst(enter)
pass=10 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027BE7518
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatVerifyEst(enter)
pass=10 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
```

```
pass=10 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=10 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
```

```
pass=10 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=10 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027BE7518
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=10 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
pass=10 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyEst(enter)
pass=10 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000216D4028
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
```

```
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=10 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=4206451628
Vlstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=591022485
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"L"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=444955357
Vlstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "LO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1443378094
Vlstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "LO"@ "SEL$31", "LCO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
```

```
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=687549296
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1589445222
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=10 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=833616424
```



```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=57551460
Vstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=57551460
Vstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000216D4028
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=9 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=402958856
Vlstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1340402670
Vlstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=4148900168
Vlstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=4109924817
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=4109924817  
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL\$9") est=8.84  
est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SKIP\_SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=998422737  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=998422737  
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL\$11") est=8.84  
est\_nav=8.84 adjfac=0.1131 new\_est=1.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SKIP\_SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131  
new\_est=1.00  
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58  
joP=0x0000000027BE7518  
kkoatRestoreJoinOrder(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=217916377  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=217916377  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)

```

table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1558319047
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1558319047
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2188316883
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")

```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1625
new_est=0.04
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
```

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"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2334384011
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=8.84 est_nav=8.84
adjfac=4.2855 new_est=37.89
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1800912986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2576977950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=8.84 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=37.4015
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=9 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
```

```

    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=1412251919
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5") est=7.11 est_nav=7.11 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=2188316883
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2188316883
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=2430910822
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1625
new_est=0.04

```



```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1654845858
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=6.3619
new_est=1.57
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=9 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=847914213
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=7.11 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1090508152
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=7.11 est_nav=7.11
adjfac=3.3930 new_est=24.11
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=314443188
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=314443188
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1") est=7.11 est_nav=7.11 (no adjustment)
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1654845858
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER

```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1090508152
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03

```



```
kkoatVerifyEst(enter)
pass=9 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=SIMPJOIN estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=993981341
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=9 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=274.08 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=274.08
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=274.08
est_nav=7.11 adjfac=47.9864 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=9 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=341.00 est_nav=8.84
adjfac=4.2855 new_est=37.89
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=847914213
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 adjfac=47.9864
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=341.00 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=341.00
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1625
new_est=0.04
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=341.00
est_nav=7.11 adjfac=47.9864 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1090508152
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=341.00 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=341.00 est_nav=7.11
adjfac=3.3930 new_est=24.11
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2188316883
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=1401381593
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1401381593
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1312865925
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1312865925  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1") est=11.00 est\_nav=0.24 (no  
adjustement)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5") est=11.00  
est\_nav=0.24 (no adjustement)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3429333559  
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2088930889  
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)

```
kkoatVerifyEst(enter)
pass=9 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
```



```
pass=9 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7") est=0.24 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)

```

```
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
```

kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=9 id=1255314465  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1255314465  
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$11") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vistatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1070271986  
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9") est=0.24 est\_nav=0.24 adjfac=46.5337  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS



```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=9 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1216339114  
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=2556741784  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2556741784  
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5") est=0.29 est\_nav=0.29 adjfac=37.4015  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=9 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=9 id=256891728
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=71849249
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=1070271986
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1421617759
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1421617759
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2519426490
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1") est=275.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1619
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9") est=221.03 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
```



```
kkoatVerifyEst(enter)
pass=9 id=2373359362
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2373359362
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=101.2118 new_est=25.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=101.2118
new_est=25.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=2177446557
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2177446557
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2420040496
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2420040496
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1") est=275.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3517849227
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=9 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1992404078
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9") est=7.35 est_nav=0.29 adjfac=38.5691
new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=9 id=2031379429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2031379429
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=9 id=217916377
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
      pass=9 id=993981341
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
      kkoatVerifyEst(exit)
        kkoatVerifyEst(enter)
        pass=9 id=1236575280
        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
      kkoatVerifyEst(exit)
        kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=9 id=256891728
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
```

```
pass=9 id=1032956692
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1032956692
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1275550631
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1275550631
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027BE7518
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=10 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=10 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=10 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000027576808
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=10 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000027576808
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$52271521 pass=10 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A758
jop=0x00000000277B6C58
kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758
jop=0x00000000277B6C58
kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$44902B2C pass=10 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
```

```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A898
jOP=0x00000000277B6A30
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898
jOP=0x00000000277B6A30
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=10 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
jOP=0x00000000277B6A30
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=10 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20,
"O1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("U1"@SEL$20,
"O1"@SEL$20, "J1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20,
"O1"@SEL$20, "J1"@SEL$20, "JD1"@SEL$20)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
jOP=0x00000000277B6A30
kkoatSaveJoinOrder(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
jOP=0x00000000272A6FA0
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
jOP=0x00000000272A6FA0
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=10 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
pass=10 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
pass=10 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30") est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x000000002751C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=10 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1094949548
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1094949548
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=629997836
Vestatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=872591775
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=10 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=10 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x000000002751C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=10 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=10 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=10 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027474028
kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=10 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2212994445
```

kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=10 id=2212994445  
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "DI"@SEL\$30", "JO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=10 id=3211417182  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=10 id=3211417182  
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "DI"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=10 id=3026374703  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=10 id=3026374703  
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "DI"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=1871014512  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=10 id=1871014512  
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "DI"@SEL\$30", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ1  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ2 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ2  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ2 estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=SYS\_ALIAS\_2 index=I\_OBJ2  
type=FILTER



```
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=J index=SCHEMULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1094949548
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2212994445
```

kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=10 id=2212994445  
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "JO"@SEL\$12", "DI2"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=10 id=3211417182  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=10 id=3211417182  
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "JO"@SEL\$12", "DI2"@SEL\$30", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=10 id=3026374703  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=10 id=3026374703  
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "JO"@SEL\$12", "DI2"@SEL\$30", "J"@SEL\$12", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=10 id=2968823243  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=10 id=2968823243  
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=3211417182

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```

table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2192758279
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2007715800
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2250309739
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=2192758279
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=2435352218
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=3211417182
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=2250309739

```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027474028
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=10 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=10 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=10 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000272CC058
kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
pass=10 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=10 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=10 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1443378094
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=10 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=687549296
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1589445222
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=10 id=833616424
```



```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000272CC058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=10 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=10 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=10 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000276B8040
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyEst(enter)
pass=10 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1443378094
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=687549296
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1589445222
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"L"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "LO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1443378094
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=687549296
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1589445222
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=833616424
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
```

```
pass=10 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000276B8040
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=9 id=402958856
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=9 id=1340402670
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1340402670
      VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
      kkoatVerifyEst(exit)
        kkoatVerifyEst(enter)
          pass=9 id=4148900168
          kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=4148900168
          VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
          est_nav=8.84 (no adjustment)
          kkoatVerifyEst(exit)
            kkoatVerifyIdxAcc(enter)
              table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
              kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
              kkoatVerifyIdxAcc(enter)
                table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
                kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
                kkoatVerifyEst(enter)
                  pass=9 id=4109924817
                  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=4109924817
                  VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
                  est_nav=8.84 (no adjustment)
                  kkoatVerifyEst(exit)
                    kkoatVerifyIdxAcc(enter)
                      table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
                      kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
                      kkoatVerifyIdxAcc(enter)
                        table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
                        kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
                        kkoatVerifyEst(enter)
                          pass=9 id=998422737
                          kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=998422737
                          VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
                          est_nav=8.84 adjfac=0.1131 new_est=1.00
                          kkoatVerifyEst(exit)
                            kkoatVerifyIdxAcc(enter)
                              table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
                              kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
                              new_est=1.00
                              kkoatVerifyIdxAcc(enter)
                                table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
                                kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 adjfac=0.1131
                                new_est=1.00
                                kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
                                jnP=0x00000000273E4028
                                kkoatRestoreJoinOrder(exit)
                                  kkoatVerifyIdxAcc(enter)
                                    table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
                                    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
                                    type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1401381593
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
```

"A"@SEL\$9", "J"@SEL\$2", "E"@SEL\$5", "JL"@SEL\$1") est=1.26  
est\_nav=0.29 adjfac=38.5691 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vistatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3429333559  
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2", "E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$7")  
est=9.12 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vistatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1846336950  
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2", "A"@SEL\$7") est=0.24 est\_nav=0.24  
adjfac=3.3930 new\_est=0.80  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2234998017
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1") est=0.29 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=0.29
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=0.24
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
```

```
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
```

"A"@SEL\$9", "A"@SEL\$7") est=0.24 est\_nav=0.24 adjfac=46.5337  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1846336950  
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2410674656  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "E"@SEL\$5") est=11.00 est\_nav=0.24 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3186739620  
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=2653268595

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```



```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
```

```
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2177446557
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2177446557
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"J"@SEL$2", "A"@SEL$9") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3517849227
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"J"@SEL$2", "E"@SEL$5") est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2031379429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2031379429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"J"@SEL$2", "A"@SEL$7") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2420040496
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2420040496
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"J"@SEL$2", "JL"@SEL$1") est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=2741784263
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2741784263
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5") est=11.00 est_nav=11.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=9 id=2556741784
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=3332806748
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)

```

```
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3517849227
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3517849227
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2595717135
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2595717135
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$9") est=0.24 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$9", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3371782099
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3371782099
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$9") est=0.24 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3614376038
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2838311074
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2838311074
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84 est_nav=8.84 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$9") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3614376038
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2984378202
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2984378202
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$9") est=0.29 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```



```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "A"@SEL$7") est=0.24
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3760443166
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3760443166
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2838311074
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2838311074
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=8.84 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$9") est=0.24
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3614376038
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1846336950
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1846336950  
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "A"@SEL\$9", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2410674656  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "A"@SEL\$9", "E"@SEL\$5") est=11.00 est\_nav=0.24 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3186739620  
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "A"@SEL\$9", "E"@SEL\$5", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "A"@SEL\$9", "E"@SEL\$5", "JL"@SEL\$1") est=11.00  
est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)

```
kkoatVerifyEst(enter)
pass=9 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2031379429
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2031379429
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
  pass=9 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$9") est=0.24 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=9 id=3371782099
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3371782099
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=8.84 est_nav=8.84
adjfac=31.1041 new_est=275.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
      pass=9 id=3186739620
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$9") est=7.35 est_nav=0.24
adjfac=47.9864 new_est=11.34
      kkoatVerifyEst(exit)
        kkoatVerifyEst(enter)
          pass=9 id=3614376038
          kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3614376038
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
          kkoatVerifyEst(exit)
            kkoatVerifyEst(enter)
              pass=9 id=2273973368
              kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2273973368
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84
adjfac=1.2442 new_est=11.00
              kkoatVerifyEst(exit)
                kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=2595717135
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2595717135
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9") est=0.24 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=9 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1992404078
Vestatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```



```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```

table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=1070271986

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1401381593
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=9 id=3429333559
        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
          VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
          "A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
            kkoatVerifyEst(exit)
              kkoatVerifyEst(enter)
                pass=9 id=3186739620
                  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
                    VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
                    "A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
                      kkoatVerifyEst(exit)
                        kkoatVerifyEst(enter)
                          pass=9 id=1312865925
                            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1312865925
                              VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
                              "A"@SEL$9", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
                              adjustment)
                                kkoatVerifyEst(exit)
                                  kkoatVerifyIdxAcc(enter)
                                    table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
                                      kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
                                      type=SCAN
                                        kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                                          kkoatVerifyIdxAcc(enter)
                                            table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
                                              kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
                                              type=FILTER
                                                kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                                                  kkoatVerifyIdxAcc(enter)
                                                    table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
                                                      kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
                                                      type=SCAN
                                                        kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                                                          kkoatVerifyIdxAcc(enter)
                                                            table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
                                                              kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
                                                              type=FILTER
                                                                kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                                                                  kkoatVerifyIdxAcc(enter)
                                                                    table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
                                                                      kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
                                                                      type=SCAN
                                                                        kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                                                                          kkoatVerifyIdxAcc(enter)
                                                                            table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
                                                                              kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
                                                                              type=FILTER
                                                                                kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
```



```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=2799335723
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
    kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=9 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",

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"A"@SEL\$9", "JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$7") est=8.84  
est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=3575400687  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3575400687  
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "JL"@SEL\$1", "E"@SEL\$5", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=2234998017  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2234998017  
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=1992404078  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1992404078  
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1846336950  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2", "A"@SEL\$7") est=0.24 est\_nav=0.24  
adjfac=3.3930 new\_est=0.80  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=9 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1255314465
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER

```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=9 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")

```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=71849249
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
```



```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vestatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vestatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vestatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vestatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=9 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
```

```
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1421617759
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1421617759
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2519426490
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2519426490
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2762020429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1") est=275.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1619
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9") est=221.03 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2373359362
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2373359362
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=101.2118 new_est=25.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=101.2118
new_est=25.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=2177446557
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2177446557
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2420040496
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2420040496
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1") est=275.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```



```
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9") est=7.35 est_nav=0.29 adjfac=38.5691
new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2031379429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2031379429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=256891728
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1032956692
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1032956692
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1275550631
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1275550631
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x00000000273E4028
kkoatSaveJoinOrder(exit)
kkoatInitCtx(enter): ctxP=0x000007FF0D1B6078 roundNum=10
kkoatInitCtx(exit): timeSlice=3260
kkoatVerifyEst(enter)
pass=10 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=10 id=776064964
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=10 id=242593939
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000027AA4028
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1018658903
```

```
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=10 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
  jnP=0x0000000027AA4028
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E56FA28
    kkoatStatsCollectTab(enter): froP=0x0000000016EBE290
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
  lobjCtxP=0x0000000012F17580 froP=0x0000000016EBE290
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x0000000016EBE590
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
  lobjCtxP=0x0000000012F17680 froP=0x0000000016EBE590
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
  esttype=TABLE prelen=1 tables=("E"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
  esttype=TABLE prelen=1 tables=("CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
  esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
  esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
  esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
  esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
  esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
  kkoatVerifyEst(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E5609E0
    kkoatStatsCollectTab(enter): froP=0x0000000016EC8760
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
  lobjCtxP=0x0000000012F17580 froP=0x0000000016EC8760
  kkoatTabStatsVerify(exit): statState=OKAY
```

```
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016EC8A60
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17680 froP=0x0000000016EC8A60
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E59AC98
  kkoatStatsCollectTab: skip fro=000000001E59AC98
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
  pass=10 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$19 pass=10 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("WM"@SEL$19) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AE78
jopP=0x0000000027AA4028
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AE78
jopP=0x0000000027AA4028
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E52E378
  kkoatStatsCollectTab(enter): froP=0x000000001E52DFF0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17780 froP=0x000000001E52DFF0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
  pass=10 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U"@SEL$18")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyEst(enter)
pass=10 id=2113250766
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2113250766
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1593508212
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1593508212
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=598302687
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=598302687
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=402958856
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=402958856
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=998422737
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
jop=0x0000000027AA4028
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```



```
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1696066402
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1696066402
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3439427928
VEstatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=3182536200
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3182536200
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=3036469072
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN

```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3439427928
Vestatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3585495056
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3585495056
Vestatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)

```

```
pass=10 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3439427928
VEstatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17", "CMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3367578679
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3367578679
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3182536200
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=10 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3036469072
VEstatus=TABESTMISS estttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17", "CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3439427928
VEstatus=TABESTMISS estttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1179023820
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2519426490
VEstatus=TABESTMISS estttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)

```

```
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1696066402
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3439427928
VEstatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
```



```

"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=4130332406

```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=10 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1696066402
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```

    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=10 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3439427928
VEstatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=10 id=2116467634
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=10 id=1018658903
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=10 id=2017081640
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")

```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=4130332406
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1428873322
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)

```

```
pass=10 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3182536200
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3036469072
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3439427928
VEstatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2519426490
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1374367651
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1374367651
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"D"@SEL$17")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2967875863
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2967875863
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=786159333
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=786159333
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1784582070
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1784582070
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
```



```

kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2027176009
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1842133530
Vestatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1018658903
Vestatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=4130332406
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=1696066402
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3036469072
Vestatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=3439427928
Vestatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=10 id=2116467634
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x0000000027AA4028
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E51A850
kkoatStatsCollectTab(enter): froP=0x000000001E52F7F8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E52F7F8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E52FAE8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E52FAE8
kkoatTabStatsVerify(exit): statState=OKAY
```

```
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E52FDE0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17968 froP=0x000000001E52FDE0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E514280
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E514280
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E514570
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E514570
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E514860
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E514860
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E514CE0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E514CE0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E5152E0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E5152E0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E5155E0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17780 froP=0x000000001E5155E0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E5158E0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17A68 froP=0x000000001E5158E0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=10 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=10 id=776064964
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("D"@SEL$15")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
jop=0x0000000027AA4028
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=10 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=10 id=1018658903
VEstatus=NOROWS estttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
```

```
kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x0000000027AA4028
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=10 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=10 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$15")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x0000000023329EF8
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=10 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x0000000023329EF8
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E4F9090
  kkoatStatsCollectTab(enter): froP=0x000000001E51AB60
  kkoatStatsCollectTab: skip fro=000000001E51AB60
  kkoatStatsCollectTab(enter): froP=0x000000001E51B1C8
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001E51B1C8
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
  pass=10 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x0000000027AA4028
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=1018658903
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "AO"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=2017081640
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1832039161
```

```
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "O"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=1832039161
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=1589445222
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1832039161
```

```
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26", "AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=833616424
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=10 id=591022485
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=813380258
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=10 id=813380258
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("U"@SEL$26",
"O"@SEL$26")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x0000000027AA4028
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E574070
kkoatStatsCollectTab(enter): froP=0x000000001E5F0488
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E5F0488
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E5F0788
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E5F0788
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E5F0A78
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E5F0A78
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E5F0D00
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E5F0D00
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=10 id=776064964
```

```
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=10 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$28")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=10 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$28") est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x0000000027AA4028
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=10 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$28", "O"@SEL$28")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x0000000027AA4028
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E573538
  kkoatStatsCollectTab(enter): froP=0x000000001E549500
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E549500
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E5497F0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E5497F0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
  pass=10 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$23 pass=10 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("R01"@SEL$23")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
```

```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x0000000027AA4028
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x0000000027AA4028
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E576C58
kkoatStatsCollectTab(enter): froP=0x000000001E576260
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E576260
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$24 pass=10 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO1"@ "SEL$24")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=L01 index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x0000000027AA4028
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x0000000027AA4028
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E575C18
kkoatStatsCollectTab(enter): froP=0x000000001E575290
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17C70 froP=0x000000001E575290
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$52271521 pass=10 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@ "SEL$21") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x0000000027AA4028
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x0000000027AA4028
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E526D60
```

```
kkoatStatsCollectTab(enter): froP=0x000000001E523528
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17968 froP=0x000000001E523528
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$44902B2C pass=10 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x0000000027AA4028
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x0000000027AA4028
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E523140
kkoatStatsCollectTab(enter): froP=0x000000001E577980
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001E577980
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=10 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000027AA4028
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=10 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1589445222
```

```
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=10 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000027AA4028
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E52C618
kkoatStatsCollectTab(enter): froP=0x000000001E574380
kkoatStatsCollectTab: skip fro=000000001E574380
kkoatStatsCollectTab(enter): froP=0x000000001E574670
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E574670
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E576FE8
kkoatStatsCollectTab: skip fro=000000001E576FE8
kkoatStatsCollectTab(enter): froP=0x000000001E527070
kkoatStatsCollectTab: skip fro=000000001E527070
kkoatStatsCollect(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000027AA4028
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000027AA4028
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x0000000016F10180
kkoatStatsCollectTab(enter): froP=0x0000000016F06C30
kkoatStatsCollectTab: skip fro=0000000016F06C30
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=10 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=10 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
pass=10 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027AA4028
kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=10 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
```



```
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1970400506
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2968823243
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```



```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=10 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=10 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=10 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027AA4028
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=10 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=10 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=10 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x00000000274BC058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=10 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
```



```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
```

```
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=872591775
```

kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=10 id=872591775  
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "DI2"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ1  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ2 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ2  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ2 estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=SYS\_ALIAS\_2 index=I\_OBJ2  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ4 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ4  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=10 id=2212994445  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=10 id=2212994445  
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "DI2"@SEL\$30", "JO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=10 id=3211417182  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=10 id=3211417182  
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "DI2"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS

```
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1194335542
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
```



```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```

pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")

```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=J index=SCHEMATA$JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMATA$JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1970400506
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2968823243
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=10 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2968823243
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2250309739
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=10 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
  jop=0x00000000274BC058
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x0000000016EB5998
  kkoatStatsCollectTab(enter): froP=0x000000001CFE3328
  kkoatStatsCollectTab: skip fro=000000001CFE3328
  kkoatStatsCollectTab(enter): froP=0x000000001CFE3618
  kkoatStatsCollectTab: skip fro=000000001CFE3618
  kkoatStatsCollectTab(enter): froP=0x0000000016F02518
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
  lobjCtxP=0x0000000012F17968 froP=0x0000000016F02518
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016F02808
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
  lobjCtxP=0x0000000012F17580 froP=0x0000000016F02808
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016F02AF8
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
  lobjCtxP=0x0000000012F17870 froP=0x0000000016F02AF8
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016F02FC0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
  lobjCtxP=0x0000000012F17580 froP=0x0000000016F02FC0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
  pass=10 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
  table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
  table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=10 id=4148900168
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=4148900168
VEstatus=NOROWS estttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatVerifyEst(enter)
  pass=10 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=998422737
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=10 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=776064964
VEstatus=NOROWS estttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=10 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=242593939
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027A27FD8
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatVerifyEst(enter)
  pass=10 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=3963857689
VEstatus=TABESTMISS estttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=10 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=444955357
VEstatus=TABESTMISS estttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=10 id=1443378094
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=10 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=4206451628
```



```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
  new_est=22.09
  kkoatVerifyEst(enter)
  pass=10 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=10 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=10 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027A27FD8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=10 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=10 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
kkoatVerifyEst(enter)
pass=10 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31") est=27.53
est_nav=27.53 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027914028
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
kkoatVerifyEst(enter)
pass=10 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=57551460
```



```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=687549296
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=57551460
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=10 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027914028
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x0000000016F00E68
kkoatStatsCollectTab(enter): froP=0x000000001CFEF1F8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001CFEF1F8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001CFEF500
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001CFEF500
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001CFEF7F0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001CFEF7F0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001CFEFAE0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001CFEFAE0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001CFEFDE0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17C70 froP=0x000000001CFEFDE0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=9 id=402958856
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=998422737
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027A27FD8
kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1992404078
Vestatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=0.24 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2234998017
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=0.29 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=0.29
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=0.24
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2799335723
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=9 id=3575400687
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
      VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
      kkoatVerifyEst(exit)
        kkoatVerifyIdxAcc(enter)
          table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
          kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
          type=SCAN
          kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
          kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
          new_est=1.00
          kkoatVerifyIdxAcc(enter)
            table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
            kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
            type=FILTER
            kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
            VIstatus=success est=0.25 (no adjustment)
            kkoatVerifyEst(enter)
              pass=9 id=2653268595
              kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
              VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
              est_nav=0.24 (no adjustment)
              kkoatVerifyEst(exit)
                kkoatVerifyIdxAcc(enter)
                  table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
                  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
                  type=SCAN
                  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
                  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
                  new_est=11.00
                  kkoatVerifyIdxAcc(enter)
                    table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
                    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
                    type=FILTER
                    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
                    VIstatus=success est=0.25 (no adjustment)
                    kkoatVerifyEst(enter)
                      pass=9 id=1070271986
                      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
                      VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
                      new_est=11.00
                      kkoatVerifyEst(exit)
                        kkoatVerifyEst(enter)
                          pass=9 id=1846336950
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=9 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1458933053
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=9 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2234998017
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=9 id=2799335723
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=11.34 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=9 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=9.12 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=11.34 est_nav=0.29 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=341.00 est_nav=8.84
adjfac=4.2855 new_est=37.89
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2188316883
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=274.08 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=274.08
est_nav=7.11 adjfac=47.9864 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=274.08
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2576977950
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=847914213
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 adjfac=47.9864
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=341.00 est_nav=7.11
adjfac=3.3930 new_est=24.11
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2188316883
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=341.00 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=341.00
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=341.00
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1090508152
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
```

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"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=341.00 est_nav=7.11 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=1558319047
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1558319047
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=8.84 est_nav=8.84 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=37.4015
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2799335723
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2334384011
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
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```
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=8.84 est_nav=8.84
adjfac=4.2855 new_est=37.89
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
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```
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=1412251919
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2188316883
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1654845858
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
```

```
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
Vstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1401381593
Vstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1216339114  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9") est=0.29 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new\_est=11.00  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332  
new\_est=11.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7") est=0.24 est\_nav=0.24 adjfac=46.5337  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
```



```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
```

```
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7") est=0.24 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=3332806748
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
    kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=9 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",

```

"A"@SEL\$9", "J"@SEL\$2", "E"@SEL\$5", "A"@SEL\$7") est=1.01 est\_nav=0.24  
adjfac=47.9864 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2", "E"@SEL\$5", "A"@SEL\$7", "JL"@SEL\$1")  
est=11.34 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=3575400687  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=3575400687  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2", "E"@SEL\$5", "JL"@SEL\$1") est=1.26  
est\_nav=0.29 adjfac=38.5691 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=2234998017  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2234998017  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2", "JL"@SEL\$1") est=0.29 est\_nav=0.29 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00  
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VEstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2088930889  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2", "JL"@SEL\$1", "A"@SEL\$7") est=0.24  
est\_nav=0.24 adjfac=47.9864 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=9 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
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    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=2410674656
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=9 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)

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```

table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)

```



```
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

table=A index=WRI\$\_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=9 id=217916377  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=217916377  
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=9 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=1216339114  
VEstatus=EXISTS estttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=2799335723
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=9 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=71849249
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
```

```
kkoatVerifyEst(enter)
pass=9 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=9 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```



```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=9 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=9 id=1070271986
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=9 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=9 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=9 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=9 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=9 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=9 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1421617759
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1421617759
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=9 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2519426490
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=2762020429
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1") est=275.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=9 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1619
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=9 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9") est=221.03 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```



kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=9 id=2373359362  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2373359362  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "J"@SEL\$2",  
"E"@SEL\$5", "A"@SEL\$7") est=221.03 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=101.2118 new\_est=25.00  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=101.2118  
new\_est=25.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=9 id=2177446557  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2177446557  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$11") est=11.00 est\_nav=11.00 adjfac=25.0000 new\_est=275.00  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=9 id=2420040496  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=9 id=2420040496  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "J"@SEL\$2",  
"A"@SEL\$11", "JL"@SEL\$1") est=275.00 est\_nav=11.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=9 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=3517849227
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1992404078
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9") est=7.35 est_nav=0.29 adjfac=38.5691
new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=9 id=2031379429
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=2031379429
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=9 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=217916377
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=993981341
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=9 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1236575280
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=9 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1032956692
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1032956692
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=9 id=1275550631
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=9 id=1275550631
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
jopP=0x0000000027A27FD8
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E5FF120
kkoatStatsCollectTab(enter): froP=0x000000001E560CB0
kkoatStatsCollectTab: skip fro=000000001E560CB0
kkoatStatsCollectTab(enter): froP=0x000000001E561860
kkoatStatsCollectTab: skip fro=000000001E561860
kkoatStatsCollectTab(enter): froP=0x000000001F06A660
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F06A660
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001F068670
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F068670
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001F066698
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F066698
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001F061EE8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17D70 froP=0x000000001F061EE8
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001F0621E0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F181A8 froP=0x000000001F0621E0
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
end kestsDoRounds() round error=0 msg=
kestsDoRounds() round=11
kkoatStatsCollectTab(enter): froP=0x000000001E514FE0
```

```
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E514FE0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E5F0198
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E5F0198
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1D0C0
kkoatSetupQbCtx(exit): passNum=11 qbCDone=yes atDone=yes
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=11 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35) est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=11 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001E55C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=11 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35, "CO"@SEL$35)
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001E55C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=11 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35) est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=11 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001F0E0D70
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=11 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x000000001F0E0D70
kkoatSaveJoinOrder(exit)
```

```
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_2"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_2"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_2"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_2"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1CE78
kkoatSetupQbCtx(exit): passNum=11 qbCDone=yes atDone=yes
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=11 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=11 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1CE78
joP=0x000000001F108040
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=11 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=11 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=2.36
est_nav=2.36 adjfac=0.4427 new_est=1.05
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=11 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F9076AD pass=11 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=1.05 est_nav=1.05 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1CE78
joP=0x000000001F108040
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C0B8
  kkoatSetupQbCtx(exit): passNum=11 qbCDone=yes atDone=yes
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$9CF1E98E pass=11 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$33") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=SCHEDULER$_INSTANCE_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$9CF1E98E pass=11 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$33")
  kkoatVerifyEst(exit)
```



```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C0B8
joP=0x000000001F108040
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$9CF1E98E pass=11 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C0B8
joP=0x000000001F108040
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C280
kkoatSetupQbCtx(exit): passNum=11 qbcDone=yes atDone=yes
pass=11 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=998422737
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x0000000021544B38
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

```
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=11 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "AO"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=11 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=11 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=833616424
```

kkoatVerifyEst: complete, qbName=SEL\$1C34B9A1 pass=11 id=833616424  
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL\$26",  
"AO"@SEL\$26", "U"@SEL\$26")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=O index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=O index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=O index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=O index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyEst(enter)  
pass=11 id=1774487701  
kkoatVerifyEst: complete, qbName=SEL\$1C34B9A1 pass=11 id=1774487701  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL\$26", "O"@SEL\$26")  
est=0.02 est\_nav=0.02 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=AO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=AO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=AO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=AO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyEst(enter)  
pass=11 id=2017081640  
kkoatVerifyEst: complete, qbName=SEL\$1C34B9A1 pass=11 id=2017081640  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL\$26", "O"@SEL\$26",  
"AO"@SEL\$26") est=0.02 est\_nav=0.02 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER# estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=U index=I\_USER# type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER# estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=U index=I\_USER# type=FILTER  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER2 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=U index=I\_USER2 type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=U index=I\_USER2 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=U index=I\_USER2 type=FILTER

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=11 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26", "AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=11 id=591022485
```

```
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=833616424
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=833616424
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=591022485
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=813380258
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("U"@SEL$26",
"O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x0000000021544B38
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1C558
  kkoatSetupQbCtx(exit): passNum=11 qbcDone=yes atDone=yes
  pass=11 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=11 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$28")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=11 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$28") est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x0000000021544B38
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=11 id=1018658903
```

kkoatVerifyEst: complete, qbName=SEL\$A065B7E5 pass=11 id=1018658903  
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("D"@SEL\$28", "O"@SEL\$28")  
est=0.02 est\_nav=0.02 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C558  
joP=0x0000000021544B38  
kkoatSaveJoinOrder(exit)  
kkoatVerifyEst(enter)  
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B8C8  
kkoatSetupQbCtx(exit): passNum=11 qbcDone=yes atDone=yes  
pass=11 id=242593939  
kkoatVerifyEst: complete, qbName=SEL\$23 pass=11 id=242593939  
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("R01"@SEL\$23")  
kkoatVerifyEst(exit)  
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8  
joP=0x0000000021544B38  
kkoatRestoreJoinOrder(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8  
joP=0x0000000021544B38  
kkoatSaveJoinOrder(exit)  
kkoatVerifyEst(enter)  
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B9F8  
kkoatSetupQbCtx(exit): passNum=11 qbcDone=yes atDone=yes  
pass=11 id=242593939  
kkoatVerifyEst: complete, qbName=SEL\$24 pass=11 id=242593939  
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("L01"@SEL\$24")  
kkoatVerifyEst(exit)  
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8  
joP=0x0000000021544B38  
kkoatRestoreJoinOrder(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8  
joP=0x0000000021544B38  
kkoatSaveJoinOrder(exit)  
kkoatVerifyEst(enter)  
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BB28  
kkoatSetupQbCtx(exit): passNum=11 qbcDone=yes atDone=yes  
pass=11 id=242593939  
kkoatVerifyEst: complete, qbName=SEL\$21 pass=11 id=242593939  
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("RJ1"@SEL\$21") est=25.00  
est\_nav=25.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BB28  
joP=0x0000000021544B38  
kkoatRestoreJoinOrder(exit)  
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BB28  
joP=0x0000000021544B38  
kkoatSaveJoinOrder(exit)  
kkoatVerifyEst(enter)  
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BC58  
kkoatSetupQbCtx(exit): passNum=11 qbcDone=yes atDone=yes  
pass=11 id=242593939  
kkoatVerifyEst: complete, qbName=SEL\$22 pass=11 id=242593939  
VEstatus=NOROWS estttype=TABLE prelen=1 tables=("LJ1"@SEL\$22")  
kkoatVerifyEst(exit)

```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x0000000021544B38
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BC58
joP=0x0000000021544B38
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1BD88
kkoatSetupQbCtx(exit): passNum=11 qbcDone=yes atDone=yes
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@SEL$20)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000001F114028
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=11 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1774487701
```



```
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("O1"@SEL$20,
"U1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20,
"U1"@SEL$20, "J1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20,
"U1"@SEL$20, "J1"@SEL$20, "JD1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("O1"@SEL$20,
"J1"@SEL$20) est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20,
"J1"@SEL$20, "U1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20,
"J1"@SEL$20, "U1"@SEL$20, "JD1"@SEL$20)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1055974197
```

```
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"O1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"O1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=57551460
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=57551460
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"JD1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000001F114028
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A758
kkoatSetupQbCtx(exit): passNum=11 qbcDone=yes atDone=yes
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$52271521 pass=11 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x000000001F114028
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x000000001F114028
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A898
kkoatSetupQbCtx(exit): passNum=11 qbcDone=yes atDone=yes
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$44902B2C pass=11 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x000000001F114028
kkoatRestoreJoinOrder(exit)
```

```
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898
jOP=0x000000001F114028
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@SEL$20)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
jOP=0x000000001F114028
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=11 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=813380258
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"J1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20) est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=11 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000001F114028
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A9D8
kkoatSetupQbCtx(exit): passNum=11 qbcDone=yes atDone=yes
pass=11 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=11 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=998422737
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=11 id=998422737
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$26")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=11 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=11 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("AO"@SEL$26")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A9D8
joP=0x000000001F143F58
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=11 id=1018658903
    kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=11 id=1018658903
  VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "AO"@SEL$26")
  est=0.02 est_nav=0.02 (no adjustment)
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=11 id=2017081640
    kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=11 id=2017081640
  VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26")
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=11 id=1832039161
    kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=11 id=1832039161
  VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("D"@SEL$26",
"AO"@SEL$26", "O"@SEL$26", "U"@SEL$26")
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
      pass=11 id=833616424
```



```
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=11 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=11 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("D"@SEL$26",
"O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=11 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"O"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=11 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("D"@SEL$26",
"O"@SEL$26", "AO"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=11 id=1589445222
    kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=11 id=1589445222
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"O"@SEL$26", "U"@SEL$26")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=11 id=1832039161
    kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=11 id=1832039161
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("D"@SEL$26",
"O"@SEL$26", "U"@SEL$26", "AO"@SEL$26")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=11 id=591022485
    kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=11 id=591022485
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=11 id=833616424

```

```
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=11 id=833616424
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=11 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=591022485
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=11 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=11 id=813380258
kkoatVerifyEst: complete, qbName=SEL$0393A011 pass=11 id=813380258
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$26",
"O"@SEL$26")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A9D8
joP=0x000000001F143F58
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1ACB0
kkoatSetupQbCtx(exit): passNum=11 qbcDone=yes atDone=yes
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=11 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$28")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=11 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$28") est=0.02
est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1ACB0
joP=0x000000001F143F58
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$02611F2C pass=11 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("D"@SEL$28",
"O"@SEL$28")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1ACB0
joP=0x000000001F143F58
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
kkoatVerifyEst(exit)
```

```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000001F143F58
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=11 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"J1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "U1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1055974197
VEstatus=PUSHPRED esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("O1"@SEL$20",
"U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("O1"@SEL$20",
"U1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=813380258
  kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"O1"@SEL$20) est=26.00 est_nav=26.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1589445222
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("J1"@SEL$20,
"O1"@SEL$20, "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1832039161
Vestatus=PUSH Pred esttype=JOIN prelen=4 tables=("J1"@SEL$20,
"O1"@SEL$20, "U1"@SEL$20, "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1055974197
Vestatus=PUSH Pred esttype=JOIN prelen=3 tables=("J1"@SEL$20,
"O1"@SEL$20, "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1832039161
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20,
"O1"@SEL$20, "JD1"@SEL$20, "U1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=11 id=57551460
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=57551460
VEstatus=PUSHPRED esttype=JOIN prelen=2 tables=("J1"@SEL$20",
"JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20") est=26.00 est_nav=26.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U1 index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): V1status=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("J1"@SEL$20",
"JD1"@SEL$20", "O1"@SEL$20", "U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1832039161
VEstatus=PUSHPRED esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x000000001F143F58
kkoatSaveJoinOrder(exit)
```



```
kkoatVerifyEst(enter)
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=11 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=11 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000271E7FD8
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=11 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000271E7FD8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1AE78
kkoatSetupQbCtx(exit): passNum=11 qbCDone=yes atDone=yes
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$19 pass=11 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("WM"@SEL$19) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x0000000027B0C058
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AE78
joP=0x0000000027B0C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1AFA8
kkoatSetupQbCtx(exit): passNum=11 qbCDone=yes atDone=yes
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
```

```
kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyEst(enter)
pass=11 id=2113250766
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2113250766
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1593508212
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1593508212
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=598302687
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=598302687
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=402958856
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=402958856
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=998422737
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ5 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x0000000027B0C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=4130332406
```

```

kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```
kkoatVerifyEst(enter)
pass=11 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1696066402
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```

table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3439427928
VEstatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3182536200
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)

```

```

table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3439427928
VEstatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3585495056
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3585495056
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS

```



```

    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=11 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3439427928
Vestatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17", "CMU"@SEL$17"
)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=11 id=3367578679
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3367578679
Vestatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=11 id=3182536200
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3182536200
Vestatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```

    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=11 id=3036469072
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17", "CMU"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=11 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3439427928
VEstatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=11 id=1179023820
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)

```

```
table=WMO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2519426490
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2519426490
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$WINGRP_MEMBER_UQ type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$WINGRP_MEMBER_UQ type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$DEST_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$DEST_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$DEST_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$DEST_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1696066402
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1696066402
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=11 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3439427928
Vestatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=11 id=1018658903
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1018658903
Vestatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=11 id=2017081640

```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$WINGRP_MEMBER_UQ type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$WINGRP_MEMBER_UQ type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1696066402
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3439427928
VEstatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=11 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1428873322
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1428873322
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2027176009
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2027176009
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1842133530
Vestatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3182536200
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3182536200
Vestatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
```

```

"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3439427928
VEstatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17",
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=1179023820

```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2519426490
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=1374367651
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1374367651
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2967875863
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2967875863
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=11 id=786159333
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=786159333
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1784582070
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1784582070
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18",
"CMO"@SEL$17")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1842133530

```



```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1696066402
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3439427928
VEstatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=2116467634
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x0000000027B0C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1B5C0
  kkoatSetupQbCtx(exit): passNum=11 qbcDone=yes atDone=yes
  pass=11 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=11 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$15")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x0000000027B0C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=11 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x0000000027B0C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=11 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=11 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$15")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x0000000027A726B8
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=11 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
  kkoatVerifyEst(exit)
```

```
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x0000000027A726B8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$23 pass=11 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("R01"@SEL$23")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x0000000027B0C058
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x0000000027B0C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$24 pass=11 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L01"@SEL$24")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=L01 index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x0000000027B0C058
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x0000000027B0C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000027B0C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=11 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=591022485
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"J1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=833616424
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "JD1"@SEL$20", "O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"J1"@SEL$20", "O1"@SEL$20", "JD1"@SEL$20")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000027B0C058
  kkoatSaveJoinOrder(exit)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F196E0
  kkoatSetupQbCtx(exit): passNum=11 qbCDone=yes atDone=yes
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000027B0C058
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x0000000027B0C058
  kkoatSaveJoinOrder(exit)
```

```
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F19810
kkoatSetupQbCtx(exit): passNum=11 qbCDone=yes atDone=yes
pass=11 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=998422737
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x0000000027B0C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=11 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

```
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=11 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1832039161
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=11 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3211417182
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
```



```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=11 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=2359061573
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2212994445
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1774487701
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=11 id=2783780764
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=11 id=3114890371
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=11 id=2929847892
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2783780764
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
Vstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=11 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2968823243
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=11 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=11 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=11 id=629997836
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=629997836
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1970400506
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN

```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=11 id=3172441831
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
    pass=11 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3357484310
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=3026374703
```



```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3211417182
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
```

```
pass=11 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@ "SEL$30",
"DI"@ "SEL$30", "JO"@ "SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=872591775
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@ "SEL$30",
"DI"@ "SEL$30", "JU"@ "SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2212994445
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI2"@ "SEL$30",
"DI"@ "SEL$30", "JU"@ "SEL$12", "JO"@ "SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1241016676
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@ "SEL$30",
"J"@ "SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
```

```
pass=11 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2250309739
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=11 id=2581419346
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2581419346
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=11 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2250309739
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=2435352218
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2435352218
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2250309739
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=1582996609
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=96526811
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1436929481
Vestatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=813380258
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2153782928
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2007715800
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2783780764
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2250309739
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=2338825407
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2338825407
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustement)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=11 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2192758279
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2783780764
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=119433542
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=119433542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
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"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3357484310
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3357484310
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```

table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2359061573
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)

```

```
pass=11 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3114890371
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=2929847892
```



```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=2116467634
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=11 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3357484310
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=11 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=11 id=2359061573
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2359061573
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=11 id=1241016676
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1241016676
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)

```

```
pass=11 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=2581419346
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2581419346
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
```

```

kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=1582996609
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)

```

```
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=2153782928
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2153782928
V!status=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2929847892
V!status=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
V!status=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
V!status=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
```



```
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2396376867
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=11 id=2338825407
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2338825407
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=11 id=2153782928
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2153782928
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2929847892
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2396376867
Vestatus=SIMPJOIN esttype=JOIN prelen=4 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x0000000027B0C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=11 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=998422737
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x000000002313C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=11 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1018658903
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2017081640
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3357484310
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3211417182
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"DI2"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2359061573
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=872591775
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
```



```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2212994445
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI"@SEL$30",
"DI2"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=11 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2929847892
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=11 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2783780764
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2968823243
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2116467634
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=11 id=629997836
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=629997836
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1970400506
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
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"DI"@SEL\$30", "J"@SEL\$12", "CO"@SEL\$12", "JO"@SEL\$12", "JU"@SEL\$12")  
est=25.00 est\_nav=25.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ1  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ1  
type=FILTER  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyEst(enter)  
pass=11 id=3357484310  
kkoatVerifyEst: complete, qbName=SEL\$20EAEDCE pass=11 id=3357484310  
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL\$30",  
"DI"@SEL\$30", "J"@SEL\$12", "JO"@SEL\$12") est=25.00 est\_nav=25.00 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyEst(enter)  
pass=11 id=3172441831  
kkoatVerifyEst: complete, qbName=SEL\$20EAEDCE pass=11 id=3172441831  
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL\$30",  
"DI"@SEL\$30", "J"@SEL\$12", "JO"@SEL\$12", "CO"@SEL\$12") est=25.00  
est\_nav=25.00 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_1 index=I\_USER# estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_1 index=I\_USER#  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_1 index=I\_USER# estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_1 index=I\_USER#  
type=FILTER  
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_1 index=I\_USER2 estType=SCAN

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kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3211417182
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
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table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=2359061573
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2359061573
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2212994445
VEstatus=COSTCUTOFF esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1241016676
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1241016676
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
```

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kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1055974197
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
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    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=11 id=2250309739
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2250309739
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=11 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=11 id=2581419346
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2581419346
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=11 id=2396376867
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)

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```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2250309739
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2435352218
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2250309739
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1582996609
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1582996609
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=96526811
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=96526811
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1436929481
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"JU"@SEL$12", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=11 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=2338825407
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2338825407
Vstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2153782928
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
```



```

table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "JU"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)

```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2192758279
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2007715800
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2783780764
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"JU"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1194335542
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("DI"@SEL$30", "J"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30", "J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3114890371
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2929847892
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
Vstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("DI"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
```

```

    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=11 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI"@SEL$30", "J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=11 id=1018658903
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1018658903
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"DI"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=11 id=2017081640
    kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=11 id=1832039161

```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3357484310
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```



```
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"DI"@SEL$30", "J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=1241016676
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1241016676
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2017081640
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1832039161
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3357484310
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3357484310
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=1055974197
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1055974197
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1832039161
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
```

```

table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=2396376867
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER

```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=2581419346
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2581419346
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3357484310
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3357484310
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
    kkoatVerifyEst(enter)
pass=11 id=2396376867
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2396376867
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("DI2"@SEL$30",
```

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"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("DI2"@SEL$30",
"J"@SEL$12", "JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "JU"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1582996609
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1582996609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("DI2"@SEL$30",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "DI"@SEL$30")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```



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table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1589445222
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "DI"@SEL$30",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2929847892
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "DI"@SEL$30",
"CO"@SEL$12", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN

```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "DI"@SEL$30",
"CO"@SEL$12", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=3114890371
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3114890371
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "DI"@SEL$30",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2929847892
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "DI"@SEL$30",
"JO"@SEL$12", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3172441831
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "DI"@SEL$30",
"JO"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=813380258
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=813380258
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "CO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=1589445222
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=2929847892
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=11 id=3172441831
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=2153782928
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=11 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=11 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"CO"@SEL$12", "JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "CO"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=11 id=2338825407
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2338825407
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("J"@SEL$12", "JO"@SEL$12")
est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3114890371
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3114890371
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=11 id=2929847892
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3172441831
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=2153782928
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2153782928
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12") est=25.00 est_nav=25.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2929847892
```

```
kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=2929847892
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30") est=25.00 est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3172441831
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3172441831
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("J"@SEL$12",
"JO"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER#
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1 index=I_USER2
type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$20EAEDCE pass=11 id=3026374703
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("J"@SEL$12", "JO"@SEL$12",
"CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "JU"@SEL$12") est=25.00
est_nav=25.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19810
joP=0x000000002313C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F19C00
  kkoatSetupQbCtx(exit): passNum=11 qbCDone=yes atDone=yes
  pass=11 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=4109924817
```



```
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LU"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=998422737
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x0000000027B0C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=11 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31, "LO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=11 id=1871014512
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=11 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31", "LO"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=11 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31", "LO"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31", "LO"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=444955357
V!status=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31", "LO"@SEL$31",
"LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1443378094
V!status=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31", "LO"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
V!status=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31", "LO"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=11 id=687549296
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1774487701
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31,
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=11 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
```

```
kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=11 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1832039161
```



```
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=11 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31", "PO"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31", "PO"@SEL$31",
"LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)

```

```
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31", "PO"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31", "PO"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31", "PO"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("L"@SEL$31",
"LU"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31, "L"@SEL$31)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=11 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=11 id=872591775
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=11 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=11 id=1443378094
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=11 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=11 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=96526811
```



```
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31",
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
```

```
kkoatVerifyIdxAcc(exit): V!status=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=11 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): V!status=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=11 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3963857689
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
  new_est=22.09
  kkoatVerifyEst(enter)
  pass=11 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
  new_est=22.09
  kkoatVerifyEst(enter)
  pass=11 id=687549296
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=687549296
VEstatus=NOROWS estttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS estttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=4206451628
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=57551460
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=57551460
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x0000000027B0C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=11 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=4148900168
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=4109924817
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=998422737
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=998422737
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=776064964
VEstatus=NOROWS estttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vstatus=success est=27.53 (no adjustment)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x00000000273C4028
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=11 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31, "LO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1871014512
Vlstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31", "LO"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
Vlstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31", "LO"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=11 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31, "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=11 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```



```

table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)

```

```
pass=11 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31, "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=11 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "LO"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1774487701
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31,
"LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1443378094
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2017081640
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=2017081640
VEstatus=NOROWS estttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1871014512
VEstatus=NOROWS estttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS estttype=JOIN prelen=5 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1832039161
VEstatus=SIMPJOIN estttype=JOIN prelen=4 tables=("L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1589445222
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1018658903
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("L"@SEL$31, "PO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LCO"@SEL$31)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=2017081640
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31")
kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=11 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("L"@SEL$31, "PO"@SEL$31,
"LCO"@SEL$31, "LO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1832039161
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("L"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=833616424
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=833616424
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("L"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=591022485
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("L"@SEL$31,
"LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=629997836
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31, "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1628420573
V!status=NOROWS estttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1871014512
V!status=NOROWS estttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31, "LCO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"PO"@SEL$31, "LU"@SEL$31, "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31, "LCO"@SEL$31, "PO"@SEL$31)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"LU"@SEL$31, "PO"@SEL$31, "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=96526811
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=96526811
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LO"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=3963857689
Vlstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@ "SEL$31",
"LU"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=444955357
Vlstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@ "SEL$31",
"LU"@ "SEL$31", "L"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
```



```
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
```

```
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=687549296
Vestatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
Vestatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=4206451628
Vestatus=CARTPROD esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=11 id=591022485
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=11 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=4206451628
Vlstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=11 id=57551460
```

```
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=629997836
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1628420573
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31, "PO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31, "L"@SEL$31,
"LCO"@SEL$31, "LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LCO"@SEL$31", "LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=872591775
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=872591775
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1871014512
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LCO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"PO"@SEL$31", "LU"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31", "L"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=11 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=96526811
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LO"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=3963857689
Vlstatus=NOROWS esttype=JOIN prelen=2 tables=("LO"@ "SEL$31",
"LU"@ "SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LO"@SEL$31",
"LU"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
```

```
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LO"@SEL$31",
"LU"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=591022485
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
```



```
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=57551460
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=591022485
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=3963857689
VEstatus=NOROWS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=444955357
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=444955357
VEstatus=NOROWS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1443378094
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=687549296
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=687549296
VEstatus=NOROWS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=1685972033
VEstatus=NOROWS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=11 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$31 pass=11 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F19C00
joP=0x00000000273C4028
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  kkoatSetupQbCtx(enter): qbCtxP=0x0000000016E8AB58
  kkoatSetupQbCtx(exit): passNum=10 qbCDone=yes atDone=yes
  pass=10 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=998422737
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027B0C058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1216339114
  VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1992404078
  VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
  VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=11.34 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=9.12 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=11.34 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=11.34
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=9.12
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34

```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
```

```

    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=1458933053
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1458933053
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=2234998017
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2234998017
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",

```

```
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1312865925
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=993981341
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=993981341
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
```



```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V Istatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1992404078
V Estatus=EXISTS esttype=JOIN prelen=4 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"J"@ "SEL$2", "A"@ "SEL$11") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): V Istatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): V Istatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): V Istatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): V Istatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): V Istatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): V Istatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
V Estatus=EXISTS esttype=JOIN prelen=5 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"J"@ "SEL$2", "A"@ "SEL$11", "E"@ "SEL$5") est=11.34 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=9.12 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2234998017
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=11.34 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)

```

```

table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.34
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",

```

```
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=9.12
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
```

```
pass=10 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=341.00 est_nav=8.84
adjfac=4.2855 new_est=37.89
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2188316883
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=274.08 est_nav=7.11 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1625
new_est=0.04
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=274.08
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=10 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=274.08
est_nav=7.11 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=10 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=341.00
est_nav=8.84 adjfac=38.5691 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=274.08
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=847914213
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 adjfac=47.9864
new_est=341.00
kkoatVerifyEst(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): V Istatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V Istatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
V Estatus=EXISTS esttype=JOIN prelen=5 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"J"@ "SEL$2", "A"@ "SEL$7", "A"@ "SEL$11") est=341.00 est_nav=7.11
adjfac=3.3930 new_est=24.11
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): V Istatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): V Istatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): V Istatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): V Istatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): V Istatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): V Istatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
V Estatus=EXISTS esttype=JOIN prelen=6 tables=("A"@ "SEL$9", "A"@ "SEL$5",
```

```
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1) est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5) est=341.00 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1625
new_est=0.04
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=341.00
est_nav=7.11 adjfac=47.9864 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=341.00
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1090508152
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=341.00 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=341.00
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=341.00
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "A"@SEL$11") est=341.00 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11") est=341.00
est_nav=8.84 adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=274.08
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=10 id=1090508152  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=1090508152  
Vlstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"J"@SEL\$2", "JL"@SEL\$1", "A"@SEL\$7") est=274.08 est\_nav=7.11 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=10 id=1558319047  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=1558319047  
Vlstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.9481  
new\_est=1.22

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=37.4015
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.26
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
```

"E"@SEL\$5", "A"@SEL\$11", "JL"@SEL\$1") est=11.00 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=3575400687  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=3575400687  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "A"@SEL\$11", "JL"@SEL\$1", "J"@SEL\$2") est=11.00  
est\_nav=0.29 adjfac=38.5691 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=10 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "A"@SEL\$11", "JL"@SEL\$1", "A"@SEL\$7") est=8.84  
est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "A"@SEL\$11", "JL"@SEL\$1", "A"@SEL\$7", "J"@SEL\$2")  
est=8.84 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=2334384011  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=2334384011  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "J"@SEL\$2") est=8.84 est\_nav=8.84 adjfac=38.5691  
new\_est=341.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER

```
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=10 id=3332806748
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
V!status=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=341.00 est_nav=8.84
adjfac=4.2855 new_est=37.89
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
    pass=10 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
V!status=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=10 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
V!status=EXISTS estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=10 id=3575400687
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
V!status=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=274.08 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=274.08
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=274.08
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11") est=341.00
est_nav=8.84 adjfac=38.5691 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=274.08
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1412251919
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
    pass=10 id=2410674656
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustment)
      kkoatVerifyEst(exit)
        kkoatVerifyEst(enter)
        pass=10 id=3186739620
        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2") est=0.24
est_nav=0.24 adjfac=47.9864 new_est=11.34
          kkoatVerifyEst(exit)
            kkoatVerifyEst(enter)
            pass=10 id=3429333559
            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
              kkoatVerifyEst(exit)
                kkoatVerifyEst(enter)
                pass=10 id=2653268595
                kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustment)
                  kkoatVerifyEst(exit)
                    kkoatVerifyEst(enter)
                    pass=10 id=3429333559
                    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
est=0.24 est_nav=0.24 (no adjustment)
                      kkoatVerifyEst(exit)
                        kkoatVerifyEst(enter)
```

```
pass=10 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=7.11 est_nav=7.11 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
```

```
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
V!status=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1800912986
V!status=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
V!status=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
```



```
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=8.84 est_nav=8.84 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2") est=0.29
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2576977950
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=8.84 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11") est=341.00
est_nav=8.84 adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7") est=274.08
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
V!status=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
est=0.24 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2") est=7.11
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=71849249
V!status=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=847914213
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2") est=7.11 est_nav=7.11 adjfac=47.9864
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER

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kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=10 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=1846336950  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "J"@SEL\$2", "A"@SEL\$11") est=341.00 est\_nav=7.11  
adjfac=3.3930 new\_est=24.11  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=10 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=3186739620  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "J"@SEL\$2", "A"@SEL\$11", "E"@SEL\$5") est=0.80  
est\_nav=0.24 adjfac=47.9864 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",



```
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=341.00 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=341.00
est_nav=7.11 adjfac=47.9864 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=341.00
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1090508152
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=341.00 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11") est=341.00
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=341.00
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1412251919
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=0.24
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2430910822
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=71849249
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=10 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=1401381593
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1401381593
Vstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1216339114
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
```

```
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2) est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2) est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=0.80 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2556741784
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=2556741784  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5") est=0.29 est\_nav=0.29 adjfac=37.4015  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=10 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=2410674656  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "A"@SEL\$7") est=8.84 est\_nav=0.24 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "A"@SEL\$7", "JL"@SEL\$1") est=8.84  
est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2")  
est=8.84 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=3186739620  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "A"@SEL\$7", "J"@SEL\$2") est=8.84 est\_nav=0.24  
adjfac=47.9864 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "E"@SEL\$5", "A"@SEL\$7", "J"@SEL\$2", "JL"@SEL\$1")  
est=11.34 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)

```
pass=10 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.26
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=1.01 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
```



```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5") est=8.84
est_nav=0.24 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=2088930889
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN

```

```

    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=2799335723
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=10 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)

```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
```

```

    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=3575400687
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=1992404078
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.34
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=10 id=1846336950
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7") est=9.12 est_nav=0.24
adjfac=3.3930 new_est=0.80
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN

```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=3332806748
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=11.34 est_nav=0.29
adjfac=4.2855 new_est=1.26
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
    kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=10 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01 est_nav=0.24
adjfac=47.9864 new_est=11.34
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=3429333559

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1") est=11.34 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=9.12
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=11.34
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1070271986
```



kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "A"@SEL\$9") est=0.24 est\_nav=0.24 adjfac=46.5337  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=10 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=2410674656  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "A"@SEL\$9", "E"@SEL\$5") est=11.00 est\_nav=0.24 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$7", "A"@SEL\$9", "E"@SEL\$5", "JL"@SEL\$1") est=11.00  
est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",

```
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=0.80 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2595717135
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2595717135
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9") est=0.24 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2") est=0.24 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=10 id=2838311074
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2838311074
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=8.84 est_nav=8.84 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9") est=0.24
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "J"@SEL$2")
est=0.24 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3614376038
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=217916377
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=217916377  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=10 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=1216339114  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new\_est=11.00  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332  
new\_est=11.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=10 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7") est=0.24 est\_nav=0.24 adjfac=46.5337  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
```



```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```

    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=2410674656
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.26
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
```



```
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
```

```

    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=2088930889
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
```



```
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=1216339114
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=8.84
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.26
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
est=8.84 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=11.00 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=11.00 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=11.34 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vlstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
Vlstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=9.12 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3186739620
```

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```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=11.34 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=11.34
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=256891728
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=256891728  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$7", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=10 id=71849249  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=71849249  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9") est=7.11 est\_nav=7.11 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new\_est=1.57  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619  
new\_est=1.57  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=10 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=1070271986  
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11") est=7.11 est\_nav=7.11 adjfac=46.5337  
new\_est=330.68  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=11.00
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=645552795
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=645552795
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1421617759
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1421617759
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```



```
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5") est=275.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=10 id=3760443166
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3760443166
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
```

```
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=11.00 est_nav=11.00 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$9") est=0.29
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3614376038
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2576977950
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$9") est=8.84 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$9", "A"@SEL$11") est=341.00
est_nav=8.84 adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$9", "A"@SEL$7") est=274.08
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2615953301
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2615953301
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3614376038
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$9") est=7.11 est_nav=7.11
(no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=2420040496
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2420040496
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3760443166
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3760443166
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=275.00 est_nav=11.00 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$9") est=7.35
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3614376038
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$9") est=7.35 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1619
new_est=0.04
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2273973368
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2273973368
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=221.03 est_nav=8.84
adjfac=1.2442 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1619
new_est=0.04
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1236575280
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9") est=221.03 est_nav=8.84 adjfac=38.5691
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2576977950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "E"@SEL$5") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "E"@SEL$5", "A"@SEL$11") est=341.00
est_nav=8.84 adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```



```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=274.08
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$11") est=341.00 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1090508152
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$9", "A"@SEL$7") est=274.08 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1619
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1275550631
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1275550631
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2615953301
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2615953301
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=221.03 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3614376038
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "JL"@SEL$1",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$9") est=177.65
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=217916377
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=460510316
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=460510316
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=341.00
est_nav=8.84 adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=499485667
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=499485667
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1275550631
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1275550631
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=2615953301
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2615953301
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "J"@SEL$2", "E"@SEL$5") est=8.84 est_nav=8.84 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
    kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
pass=10 id=3614376038
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3614376038
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$7",
"A"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11")

```

```
kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
jop=0x0000000027B0C058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=10 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5) est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7) est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9) est=0.29
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11) est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131
new_est=1.00
```

```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x00000000216CC058
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```



```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=10.67
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=10.67 est_nav=0.29
adjfac=4.2855 new_est=1.22
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)

```

```
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=1.22
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
est=8.84 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.57 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=8.57
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.57
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.57 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=10.67 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=10.67
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vlstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
est=8.84 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.57
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vlstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
est=8.57 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1992404078
Vlstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.22
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)

```

```
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=1.22
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=8.84 est_nav=0.23
adjfac=3.3930 new_est=0.78
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.78
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.78
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=10.67 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=10.67 est_nav=0.23
adjfac=3.3930 new_est=0.78
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=0.78
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=0.78
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1312865925
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=1312865925  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1") est=10.67 est\_nav=0.23 (no  
adjustement)

kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)

pass=10 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5") est=10.67  
est\_nav=0.23 (no adjustement)

kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5", "J"@SEL\$2")  
est=10.67 est\_nav=0.23 (no adjustement)

kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=2088930889  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",

```
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1458933053
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=10.67
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
```

```

kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=10.67 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",

```

```
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.57
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
est=8.57 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=10.67 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5") est=10.67
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7") est=8.57
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.57 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5") est=8.57
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
est=8.57 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2") est=8.57
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1558319047
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1558319047
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=10 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=10.67
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=10.67 est_nav=0.29
adjfac=4.2855 new_est=1.22
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
```

```

kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=1.22
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
est=8.84 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00

```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=8.57 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2") est=8.57
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=8.57
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.57 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=10.67 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=10.67
est_nav=0.29 adjfac=38.5691 new_est=11.00
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
est=8.84 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.57
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
est=8.57 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.22
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=1.22
est_nav=0.29 adjfac=38.5691 new_est=11.00
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2188316883
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=8.84 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=8.84
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.23 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=11.00 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
  pass=10 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
```



```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1412251919
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1412251919
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=0.23 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2") est=0.23
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=0.23 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=0.23
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
V!status=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1654845858
V!status=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=0.23 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
V!status=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=10 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1800912986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=0.29 est_nav=0.29 (no
adjustement)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2") est=0.29
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
est=8.84 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
est=0.23 est_nav=0.23 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1306
new_est=0.03
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1306
new_est=0.03
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
  pass=10 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7") est=8.84
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
```

kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vistatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=10 id=1654845858  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=1654845858  
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$7") est=0.23 est\_nav=0.23 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new\_est=1.57  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619  
new\_est=1.57  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=10 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=2653268595  
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$7", "A"@SEL\$11") est=0.23  
est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=3429333559  
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$7", "A"@SEL\$11", "J"@SEL\$2")  
est=0.23 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=2430910822  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=2430910822  
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$7", "J"@SEL\$2") est=0.23  
est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=993981341
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.22
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=1.22
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=8.84 est_nav=0.23
adjfac=3.3930 new_est=0.78
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=0.78
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=0.78
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=10 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=11.00 est_nav=0.29
adjfac=4.2855 new_est=1.22
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=0.98
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=1.22
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=8.84
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```



```
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
```

```
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=10.67 est_nav=0.23 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1401381593
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=10.67 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
kkoatVerifyEst(exit)
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=10.67 est_nav=0.23 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3186739620

```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=3186739620  
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2") est=10.67  
est\_nav=0.23 adjfac=47.9864 new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=3429333559  
VEstatus=EXISTS estttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2", "JL"@SEL\$1")  
est=11.00 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=10 id=256891728  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=256891728  
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL\$7", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=10 id=1255314465  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=1255314465  
VEstatus=EXISTS estttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$11") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$11", "A"@ "SEL$9") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$11", "A"@ "SEL$9", "E"@ "SEL$5") est=10.67 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
```



```
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=10.67 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=10.67
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.57 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.57
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.57 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=8.57
est_nav=0.23 adjfac=47.9864 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=71849249
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=10.67 est_nav=0.23 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3186739620
```



```

table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=10.67
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",

```

```
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.57 est_nav=0.23 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=8.57
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.57
est_nav=0.23 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=8.57 est_nav=0.23 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=0.23 est_nav=0.23 adjfac=46.5337
new_est=10.67
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=10.67 est_nav=0.23 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=10.67
est_nav=0.23 adjfac=47.9864 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=11.00 est_nav=0.23 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=10.67
est_nav=0.23 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=10.67 est_nav=0.23 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=645552795
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=645552795
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=11.00 (no adjustement)
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1985955465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1985955465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5") est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER

```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vlstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=10 id=2576977950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=2576977950  
Vlstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"E"@SEL\$5", "J"@SEL\$2", "A"@SEL\$9") est=0.29 est\_nav=0.29  
adjfac=38.5691 new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00  
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=10 id=3760443166  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=3760443166  
Vlstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "JL"@SEL\$1",  
"E"@SEL\$5", "J"@SEL\$2", "A"@SEL\$11") est=11.00 est\_nav=11.00 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=10 id=217916377  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=217916377  
Vlstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
est=0.29 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)

```
pass=10 id=460510316
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=460510316
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1800912986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1800912986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=11.00
est_nav=0.29 adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=8.84
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=256891728
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=256891728
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=499485667
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=499485667
VEstatus=EXISTS estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1839888337
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1839888337
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2615953301
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2615953301
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=8.84 est_nav=8.84 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```

table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9") est=0.23 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x00000000216CC058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=10 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=4109924817

```



kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=4109924817  
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL\$9) est=0.29  
est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SKIP\_SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)  
kkoatVerifyEst(enter)  
pass=10 id=998422737  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=998422737  
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL\$11) est=8.84  
est\_nav=8.84 adjfac=0.1131 new\_est=1.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SKIP\_SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131  
new\_est=1.00  
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58  
joP=0x00000000216CC058  
kkoatRestoreJoinOrder(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=10 id=217916377  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=217916377  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
est=0.29 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)

```

table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1558319047
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1558319047
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57

```

```
kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
V!status=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=0.19 est_nav=0.19 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=0.19
est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
V!status=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
est=0.19 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
V!status=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1654845858
V!status=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=0.23 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=0.19
est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
est=0.19 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
est=0.19 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=10 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=0.23 est_nav=0.23 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1625
new_est=0.04
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=0.23
est_nav=0.23 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=10 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
    VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
    "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
    est=0.19 est_nav=0.19 (no adjustment)
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
        table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
        kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
        type=SCAN
        kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
        kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
        new_est=1.22
        kkoatVerifyIdxAcc(enter)
          table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
          kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
          type=FILTER
          kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
          kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
          new_est=0.03
          kkoatVerifyEst(enter)
            pass=10 id=2556741784
            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2556741784
            VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
            "E"@SEL$5", "A"@SEL$11") est=0.23 est_nav=0.23 adjfac=37.4015
            new_est=8.73
            kkoatVerifyEst(exit)
              kkoatVerifyIdxAcc(enter)
                table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
                kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
                type=SCAN
                kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
                kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
                new_est=1.00
                kkoatVerifyIdxAcc(enter)
                  table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
                  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
                  type=FILTER
                  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
                  Vistatus=success est=0.25 (no adjustment)
                  kkoatVerifyEst(enter)
                    pass=10 id=2410674656
                    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
                    VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
                    "E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=11.02 est_nav=0.29 (no
                    adjustment)
                    kkoatVerifyEst(exit)
                      kkoatVerifyEst(enter)
                        pass=10 id=2653268595
                        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
                        VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.02
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=11.02 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2) est=11.02
est_nav=0.29 adjfac=47.9864 new_est=14.14
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=8.73 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=11.02
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
est=11.02 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=8.73
est_nav=0.23 adjfac=38.5691 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
est=11.37 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=8.73 est_nav=0.23
adjfac=4.2855 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=1.26
est_nav=0.29 adjfac=47.9864 new_est=14.14
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=1.00
est_nav=0.23 adjfac=38.5691 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
est=11.37 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1800912986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1654845858
Vlstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=0.23 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11") est=0.19
est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vlstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
est=0.19 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
V!status=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11")
est=0.19 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
V!status=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=0.23 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): V!status=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
V!status=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
V!status=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7") est=0.29
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2") est=0.23
est_nav=0.23 adjfac=38.5691 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
est=11.37 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=10 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7") est=8.84
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1306
new_est=0.03
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11") est=9.00
est_nav=0.23 adjfac=38.5691 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=8.84 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1625
new_est=0.04
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
    pass=10 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=7.23
est_nav=0.19 adjfac=47.9864 new_est=9.00
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=10 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=10 id=2430910822
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.23 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
    pass=10 id=3332806748
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=9.00 est_nav=0.23
adjfac=4.2855 new_est=1.00

```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=1.26
est_nav=0.29 adjfac=47.9864 new_est=14.14
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=1.00
est_nav=0.23 adjfac=38.5691 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=11.00 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
Vlstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11") est=9.00
est_nav=0.23 adjfac=38.5691 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=71849249
Vlstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
```



```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=1412251919
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5") est=0.23 est_nav=0.23 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
pass=10 id=2410674656
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=0.19 est_nav=0.19 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=2653268595

```



```
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
est=0.19 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
est=0.19 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=0.23 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1625
new_est=0.04
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
est=0.19 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11") est=0.19 est_nav=0.19 adjfac=46.5337
new_est=8.73
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5") est=8.73 est_nav=0.19 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=8.73
est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=8.73 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=8.73
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=8.73 est_nav=0.19 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=8.73
est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=8.73 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=8.73
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
est=9.00 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2") est=8.73 est_nav=0.19
adjfac=3.3930 new_est=0.64
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```



```
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=0.64
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=0.64
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=10 id=314443188
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=314443188
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1") est=0.23 est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=0.23 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=10 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11") est=0.19
est_nav=0.19 (no adjustment)
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
        pass=10 id=3429333559
        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
est=0.19 est_nav=0.19 (no adjustment)
        kkoatVerifyEst(exit)
          kkoatVerifyEst(enter)
            pass=10 id=2430910822
            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
            kkoatVerifyEst(exit)
              kkoatVerifyIdxAcc(enter)
                table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
                kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
                type=SCAN
                kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
                kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
                new_est=11.00
                kkoatVerifyIdxAcc(enter)
                  table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
                  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
                  type=FILTER
                  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
                  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
                  new_est=0.03
                  kkoatVerifyEst(enter)
                    pass=10 id=3429333559
                    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11")
est=0.19 est_nav=0.19 (no adjustment)
                    kkoatVerifyEst(exit)
                      kkoatVerifyIdxAcc(enter)
                        table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
                        kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
                        type=SCAN
                        kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
                        kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
                        new_est=11.00
                        kkoatVerifyIdxAcc(enter)
                          table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=10 id=1312865925  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=1312865925  
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "JL"@SEL\$1", "A"@SEL\$11") est=0.19 est\_nav=0.19 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=10 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=2653268595  
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "JL"@SEL\$1", "A"@SEL\$11", "E"@SEL\$5") est=0.19  
est\_nav=0.19 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=3429333559  
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",

```
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
est=0.19 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "E"@SEL$5")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1090508152
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=0.23 est_nav=0.23 (no
adjustement)
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=2430910822
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5") est=0.23
est_nav=0.23 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
    kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
    kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
pass=10 id=3429333559

```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2", "E"@SEL\$5", "A"@SEL\$11")  
est=0.19 est\_nav=0.19 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306  
new\_est=0.03  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=10 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=2088930889  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2", "A"@SEL\$11") est=0.19  
est\_nav=0.19 adjfac=47.9864 new\_est=9.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5")
est=9.00 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=847914213
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2") est=0.23 est_nav=0.23 adjfac=47.9864
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2188316883
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=11.00 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
```



```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=9.00
est_nav=0.19 adjfac=47.9864 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=9.00 est_nav=0.19
adjfac=3.3930 new_est=0.64
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=0.64
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=0.64
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1090508152

```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=1090508152  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "J"@SEL\$2", "JL"@SEL\$1") est=11.00 est\_nav=0.23 (no  
adjustement)

kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=10 id=2430910822

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=2430910822  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$7", "J"@SEL\$2", "JL"@SEL\$1", "E"@SEL\$5") est=11.00  
est\_nav=0.23 (no adjustement)

kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new\_est=0.03  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1306  
new\_est=0.03  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=10 id=2088930889
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
    VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11") est=9.00
    est_nav=0.19 adjfac=47.9864 new_est=9.00
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
        table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
        kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
        type=SCAN
        kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
        kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
        new_est=1.22
        kkoatVerifyIdxAcc(enter)
          table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
          kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
          type=FILTER
          kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
          kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
          new_est=0.03
          kkoatVerifyEst(enter)
            pass=10 id=1216339114
            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1216339114
            VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.23 est_nav=0.23 (no adjustment)
            kkoatVerifyEst(exit)
              kkoatVerifyIdxAcc(enter)
                table=E index=WRI$_ADV_EXECS_PK estType=SCAN
                kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
                type=SCAN
                kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
                kkoatVerifyIdxAcc(enter)
                  table=E index=WRI$_ADV_EXECS_PK estType=FILTER
                  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
                  type=FILTER
                  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
                  kkoatVerifyIdxAcc(enter)
                    table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
                    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
                    type=SCAN
                    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
                    kkoatVerifyIdxAcc(enter)
                      table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
                      kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
                      type=FILTER
                      kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
                      kkoatVerifyIdxAcc(enter)
                        table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
                        kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
                        type=SCAN
                        kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.23 est_nav=0.23 adjfac=37.4015
new_est=8.73
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=11.02 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=11.02
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
est=11.02 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2") est=11.02
est_nav=0.29 adjfac=47.9864 new_est=14.14
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=8.73 est_nav=0.23 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=11.02
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
est=11.02 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2") est=8.73
est_nav=0.23 adjfac=38.5691 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$7")
est=11.37 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=8.73 est_nav=0.23
adjfac=4.2855 new_est=1.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=1.26
est_nav=0.29 adjfac=47.9864 new_est=14.14
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=1.00
est_nav=0.23 adjfac=38.5691 new_est=9.00
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7")
est=11.37 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.29 est_nav=0.29 adjfac=46.5337
new_est=13.71
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAccDerive(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=13.71 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=13.71
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=13.71 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=13.71
est_nav=0.29 adjfac=47.9864 new_est=14.14
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1312865925
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=1312865925  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1") est=13.71 est\_nav=0.29 (no  
adjustement)

kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)

pass=10 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5") est=13.71  
est\_nav=0.29 (no adjustement)

kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5", "J"@SEL\$2")  
est=13.71 est\_nav=0.29 (no adjustement)

kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=2088930889  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$9", "A"@SEL\$5",

"A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2") est=13.71  
est\_nav=0.29 adjfac=47.9864 new\_est=14.14  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=10 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2", "E"@SEL\$5")  
est=14.14 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=1846336950  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "J"@SEL\$2") est=13.71 est\_nav=0.29  
adjfac=3.3930 new\_est=1.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=1.00
est_nav=0.29 adjfac=47.9864 new_est=14.14
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=1.00
est_nav=0.29 adjfac=47.9864 new_est=14.14
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5")
est=14.14 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$9") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=1412251919
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@ "SEL$7", "A"@ "SEL$5",
"A"@ "SEL$9", "E"@ "SEL$5") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11") est=0.19 est_nav=0.19 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=0.19
est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
est=0.19 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2") est=0.19
est_nav=0.19 adjfac=47.9864 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1401381593
Vstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=9.00 est_nav=9.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1216339114
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=2.57 est_nav=2.57 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=3.24 est_nav=3.24 adjfac=46.5337
new_est=150.86
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```



```

table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=150.86 est_nav=3.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=150.86
est_nav=3.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=150.86 est_nav=3.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=150.86
est_nav=3.24 adjfac=47.9864 new_est=155.57
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=155.57 est_nav=3.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=10 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.29 est_nav=0.29 adjfac=46.5337
new_est=13.71
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=13.71 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=13.71
est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=13.71 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2") est=13.71
est_nav=0.29 adjfac=47.9864 new_est=14.14
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=14.14 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=10 id=1255314465  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=1255314465  
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$11") est=7.23 est\_nav=7.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=10 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=1070271986  
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$9") est=2.06 est\_nav=2.06 adjfac=46.5337  
new\_est=96.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=96.00 est_nav=2.06 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=96.00
est_nav=2.06 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=96.00 est_nav=2.06 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2") est=96.00
est_nav=2.06 adjfac=47.9864 new_est=99.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=99.00 est_nav=2.06 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=10 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.29 est_nav=0.29 adjfac=46.5337
new_est=13.71
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=13.71 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2") est=13.71
est_nav=0.29 adjfac=47.9864 new_est=14.14
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "E"@SEL$5")
est=14.14 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```



```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=13.71
est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=13.71 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)

```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=71849249
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=0.19 est_nav=0.19 adjfac=46.5337
new_est=8.73
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1312865925
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1") est=8.73 est_nav=0.19 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2") est=8.73
est_nav=0.19 adjfac=47.9864 new_est=9.00
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=8.73
est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
est=8.73 est_nav=0.19 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=0.23 est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.29 est_nav=0.29 adjfac=46.5337
new_est=13.71
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
```

```

    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=2410674656
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=13.71 est_nav=0.29 (no
adjustement)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=13.71
est_nav=0.29 (no adjustement)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=13.71 est_nav=0.29 (no adjustement)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",

```

"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2") est=13.71  
est\_nav=0.29 adjfac=47.9864 new\_est=14.14  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2", "JL"@SEL\$1")  
est=14.14 est\_nav=0.29 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=10 id=256891728  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=256891728  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$7", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new\_est=1.22  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481  
new\_est=1.22  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=10 id=71849249  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=71849249  
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9") est=0.23 est\_nav=0.23 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=0.19 est_nav=0.19 adjfac=46.5337
new_est=8.73
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=8.73 est_nav=0.19 (no
adjustement)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=8.73
est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
est=8.73 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2") est=8.73
est_nav=0.19 adjfac=47.9864 new_est=9.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1")
est=9.00 est_nav=0.19 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=645552795
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=645552795
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "JL"@SEL$1")
est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1985955465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1985955465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5") est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2") est=11.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$9") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=10 id=3760443166
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3760443166
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "JL"@SEL$1",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=9.00 est_nav=9.00 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=10 id=217916377
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=0.29 est_nav=0.29 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=10 id=460510316
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=460510316
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1") est=0.29 est_nav=0.29 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1800912986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2576977950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=0.29 est_nav=0.29
adjfac=38.5691 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=9.00
est_nav=0.23 adjfac=38.5691 new_est=9.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1306 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1306
new_est=0.03
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=8.84
est_nav=0.23 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=499485667
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=499485667
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1839888337
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1839888337
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2615953301
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2615953301
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "J"@SEL$2") est=8.84 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9") est=0.23 est_nav=0.23 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"JL"@SEL$1", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2") est=0.23
est_nav=0.23 (no adjustment)
  kkoatVerifyEst(exit)
```



```
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
estttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
estttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
estttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x00000000271A7518
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x00000000271A7518
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F1A500
kkoatSetupQbCtx(exit): passNum=11 qbcDone=yes atDone=yes
pass=11 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=4148900168
VEstatus=SUCCESS estttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=11 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1340402670
VEstatus=SUCCESS estttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=11 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=4109924817
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=998422737
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=776064964
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=242593939
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("DI2"@SEL$30)
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x00000000271A7518
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=11 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=96526811
VEstatus=SIMPJOIN estttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=872591775
VEstatus=CARTPROD estttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=TABESTMISS estttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1871014512
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=11 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2435352218
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1094949548
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=629997836
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=11 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=11 id=1871014512
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2968823243
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
      kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
      kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
      kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
        kkoatVerifyEst(enter)
pass=11 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
        kkoatVerifyEst(exit)
          kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
          kkoatVerifyEst(exit)
            kkoatVerifyEst(enter)
pass=11 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
            kkoatVerifyEst(exit)
              kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
              kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
                kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
                  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
                  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
                    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
                      kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
                      kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
                        kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
                          kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
                          kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
                            kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=11 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```



```
table=J index=SCHEMATA$JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMATA$JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2435352218
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1970400506
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2968823243
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=11 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2968823243
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2007715800
```



```
kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=11 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=11 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=11 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30") est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x000000002331C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=11 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=11 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```



```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2783780764
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=852355609
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=11 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2968823243
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=11 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=11 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=11 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=11 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=2783780764
```



```
kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
kkoatSetupQbCtx(enter): qbCtxP=0x0000000012F18840
kkoatSetupQbCtx(exit): passNum=11 qbcDone=yes atDone=yes
pass=11 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyEst(enter)
pass=11 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatVerifyEst(enter)
pass=11 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000271A7518
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
    kkoatVerifyEst(enter)
pass=11 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
```

```
pass=11 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=11 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
```



```
pass=11 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=11 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000271A7518
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=11 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
pass=11 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyEst(enter)
pass=11 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000023014028
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
```

```
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=11 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=4206451628
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"L"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "LO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "LO"@ "SEL$31", "LCO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
```

```
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=11 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=11 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
```



```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=833616424
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=11 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000023014028
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=10 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=402958856
Vlstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1340402670
Vlstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=4148900168
Vlstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=4109924817
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=4109924817  
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL\$9") est=8.84  
est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SKIP\_SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)  
kkoatVerifyEst(enter)  
pass=10 id=998422737  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=998422737  
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL\$11") est=8.84  
est\_nav=8.84 adjfac=0.1131 new\_est=1.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SKIP\_SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131  
new\_est=1.00  
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58  
joP=0x00000000271A7518  
kkoatRestoreJoinOrder(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_TASKS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_TASKS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=10 id=217916377  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=217916377  
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL\$9", "A"@SEL\$5")  
est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)

```

table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1558319047
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1558319047
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1412251919
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2188316883
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")

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```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$11")
est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1625
new_est=0.04
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2", "A"@SEL$11")
est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2334384011
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=8.84 est_nav=8.84
adjfac=4.2855 new_est=37.89
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
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```
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1800912986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1800912986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1654845858
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2576977950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2576977950
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=8.84 est_nav=8.84 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2", "A"@SEL$7")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=37.4015
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=10 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
```



```

    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=1412251919
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5") est=7.11 est_nav=7.11 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=2188316883
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2188316883
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=2430910822
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1625
new_est=0.04

```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1654845858
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=6.3619
new_est=1.57
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=10 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=847914213
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=7.11 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1625
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1090508152
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=7.11 est_nav=7.11
adjfac=3.3930 new_est=24.11
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```

    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=2088930889
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=314443188
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=314443188
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1") est=7.11 est_nav=7.11 (no adjustment)

```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1654845858
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER

```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1090508152
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1090508152
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "JL"@SEL$1", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
```

```
kkoatVerifyEst(enter)
pass=10 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
```



```
pass=10 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=274.08 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=274.08
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=274.08
est_nav=7.11 adjfac=47.9864 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=10 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=341.00 est_nav=8.84
adjfac=4.2855 new_est=37.89
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=847914213
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 adjfac=47.9864
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2188316883
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=341.00 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=341.00
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1625
new_est=0.04
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=341.00
est_nav=7.11 adjfac=47.9864 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1090508152
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1090508152
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=341.00 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```



```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=341.00 est_nav=7.11
adjfac=3.3930 new_est=24.11
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=71849249
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```

    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=1412251919
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5") est=7.11 est_nav=7.11 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=2188316883
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2188316883
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=2430910822
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00

```

```

kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=1401381593
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1401381593
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1312865925
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=1312865925  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1") est=11.00 est\_nav=0.24 (no  
adjustement)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=10 id=2653268595  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5") est=11.00  
est\_nav=0.24 (no adjustement)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=3429333559  
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1", "E"@SEL\$5", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=2088930889  
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)

```
kkoatVerifyEst(enter)
pass=10 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
```

```
pass=10 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7") est=0.24 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
```



```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1255314465
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=10 id=1216339114  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=1216339114  
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11") est=8.84 est\_nav=8.84 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=10 id=2556741784  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=2556741784  
Vstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$9", "A"@SEL\$5",  
"A"@SEL\$11", "E"@SEL\$5") est=0.29 est\_nav=0.29 adjfac=37.4015  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$\_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$\_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
```



```
pass=10 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
```

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    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=2410674656
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=3429333559
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=1312865925
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",

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"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=71849249
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=1070271986
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1421617759
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1421617759
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2519426490
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1") est=275.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1619
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9") est=221.03 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=10 id=2373359362
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2373359362
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=101.2118 new_est=25.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=101.2118
new_est=25.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=2177446557
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2177446557
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2420040496
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2420040496
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1") est=275.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=10 id=3517849227
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3517849227
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5") est=275.00 est_nav=11.00 (no adjustment)
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
    pass=10 id=1992404078
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1992404078
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9") est=7.35 est_nav=0.29 adjfac=38.5691
new_est=11.34
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
    pass=10 id=2031379429
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2031379429
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=10 id=217916377
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
      pass=10 id=993981341
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
      kkoatVerifyEst(exit)
        kkoatVerifyEst(enter)
        pass=10 id=1236575280
        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
        kkoatVerifyEst(exit)
          kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=10 id=256891728
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
```

```
pass=10 id=1032956692
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1032956692
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1275550631
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1275550631
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x00000000271A7518
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=11 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=11 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000276F6808
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=11 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x00000000276F6808
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("E"@SEL$33")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=TABLE prelen=1 tables=("CO"@SEL$33")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$52271521 pass=11 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@SEL$21") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VEstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A758
jop=0x00000000217A6C58
kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758
jop=0x00000000217A6C58
kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$44902B2C pass=11 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@SEL$22")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=CANDFRO
```

```
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x00000000217A6A30
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x00000000217A6A30
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x00000000217A6A30
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=11 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20,
"O1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("U1"@SEL$20,
"O1"@SEL$20, "J1"@SEL$20)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20,
"O1"@SEL$20, "J1"@SEL$20, "JD1"@SEL$20)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x00000000217A6A30
kkoatSaveJoinOrder(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x00000000216B6FA0
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
joP=0x00000000216B6FA0
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=11 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
pass=11 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyEst(enter)
pass=11 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30") est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x000000002327C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=11 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```



```

table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")

```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=11 id=2250309739
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=11 id=3026374703
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=11 id=1094949548
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=11 id=629997836
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=11 id=872591775
    kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=11 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```



```
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2007715800
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2007715800
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=11 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x000000002327C058
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=11 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=11 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=11 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027164028
kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=11 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2212994445
```



kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=11 id=2212994445  
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "DI"@SEL\$30", "JO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=11 id=3211417182  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=11 id=3211417182  
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "DI"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=11 id=3026374703  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=11 id=3026374703  
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "DI"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=11 id=1871014512  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=11 id=1871014512  
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"DI2"@SEL\$30", "DI"@SEL\$30", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ1  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ2 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=SYS\_ALIAS\_2 index=I\_OBJ2  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=SYS\_ALIAS\_2 index=I\_OBJ2 estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=SYS\_ALIAS\_2 index=I\_OBJ2  
type=FILTER

```
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1094949548

```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=629997836
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=2212994445
```

kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=11 id=2212994445  
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "JO"@SEL\$12", "DI2"@SEL\$30")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=11 id=3211417182  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=11 id=3211417182  
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "JO"@SEL\$12", "DI2"@SEL\$30", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=CO index=I\_OBJ1 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=CO index=I\_OBJ1 type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=11 id=3026374703  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=11 id=3026374703  
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "JO"@SEL\$12", "DI2"@SEL\$30", "J"@SEL\$12", "CO"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=J index=SCHEDULER\$\_JOB\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER\$\_JOB\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=11 id=2968823243  
kkoatVerifyEst: complete, qbName=SEL\$583C4D64 pass=11 id=2968823243  
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL\$12",  
"DI"@SEL\$30", "JO"@SEL\$12", "J"@SEL\$12")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=11 id=3211417182

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```

table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2192758279
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2007715800
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=2250309739
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2250309739
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1970400506
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEMULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2968823243
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=J index=SCHEMATA$JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMATA$JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEMATA$JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMATA$JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2192758279
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12,
"JO"@SEL$12, "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2435352218
Vestatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12,
"JO"@SEL$12, "J"@SEL$12, "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12,
"JO"@SEL$12, "J"@SEL$12, "DI2"@SEL$30, "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12,
"JO"@SEL$12, "J"@SEL$12, "DI2"@SEL$30, "DI"@SEL$30, "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2250309739
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=852355609
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027164028
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=11 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=11 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=11 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000230CC058
kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
pass=11 id=3963857689
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=11 id=1685972033
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vstatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
pass=11 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=4206451628
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1443378094
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=11 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=687549296
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1589445222
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
kkoatVerifyEst(enter)
pass=11 id=833616424
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x00000000230CC058
  kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
  pass=11 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
  pass=11 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=11 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31) est=27.53
est_nav=27.53 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027148040
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyEst(enter)
pass=11 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
```

```
kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
  kkoatVerifyEst(enter)
  pass=11 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1685972033
V!status=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): V!status=N!P!REDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
V!status=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=11 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=4206451628
V!status=CARTPROD esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=591022485
V!status=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=444955357
V!status=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1589445222
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=591022485
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"L"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=444955357
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "LO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```



```
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
```

```
pass=11 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027148040
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=10 id=402958856
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=10 id=1340402670
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1340402670
      VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
      kkoatVerifyEst(exit)
        kkoatVerifyEst(enter)
          pass=10 id=4148900168
          kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=4148900168
          VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
          est_nav=8.84 (no adjustment)
          kkoatVerifyEst(exit)
            kkoatVerifyIdxAcc(enter)
              table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
              kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
              kkoatVerifyIdxAcc(enter)
                table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
                kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
                kkoatVerifyEst(enter)
                  pass=10 id=4109924817
                  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=4109924817
                  VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
                  est_nav=8.84 (no adjustment)
                  kkoatVerifyEst(exit)
                    kkoatVerifyIdxAcc(enter)
                      table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
                      kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
                      kkoatVerifyIdxAcc(enter)
                        table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
                        kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 (no adjustment)
                        kkoatVerifyEst(enter)
                          pass=10 id=998422737
                          kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=998422737
                          VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
                          est_nav=8.84 adjfac=0.1131 new_est=1.00
                          kkoatVerifyEst(exit)
                            kkoatVerifyIdxAcc(enter)
                              table=A index=WRI$_ADV_PARAMETERS_PK estType=SKIP_SCAN
                              kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131
                              new_est=1.00
                              kkoatVerifyIdxAcc(enter)
                                table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
                                kkoatVerifyIdxAcc(exit): Vstatus=success est=8.84 adjfac=0.1131
                                new_est=1.00
                                kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
                                jnP=0x00000000278F4028
                                kkoatRestoreJoinOrder(exit)
                                  kkoatVerifyIdxAcc(enter)
                                    table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
                                    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
                                    type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1401381593
Vstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1216339114
Vstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1992404078
Vstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
```

"A"@SEL\$9", "J"@SEL\$2", "E"@SEL\$5", "JL"@SEL\$1") est=1.26  
est\_nav=0.29 adjfac=38.5691 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new\_est=1.00  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485  
new\_est=1.00  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vistatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=10 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2", "E"@SEL\$5", "JL"@SEL\$1", "A"@SEL\$7")  
est=9.12 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
Vistatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=10 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=1846336950  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2", "A"@SEL\$7") est=0.24 est\_nav=0.24  
adjfac=3.3930 new\_est=0.80  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN



```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1") est=0.29 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=0.29
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=0.24
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
```

```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",

```

```
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
```

"A"@SEL\$9", "A"@SEL\$7") est=0.24 est\_nav=0.24 adjfac=46.5337  
new\_est=11.00  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=1846336950  
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$\_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$\_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=10 id=2410674656  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=2410674656  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "E"@SEL\$5") est=11.00 est\_nav=0.24 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=3186739620  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=3186739620  
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "E"@SEL\$5", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=2653268595

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=2653268595  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1") est=11.00  
est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=3429333559  
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=1312865925  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=1312865925  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1") est=11.00 est\_nav=0.24 (no  
adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=2088930889  
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "A"@SEL\$7", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS



```
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
```

```
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2177446557
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2177446557
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"J"@SEL$2", "A"@SEL$9") est=0.29 est_nav=0.29 adjfac=38.5691
new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3517849227
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"J"@SEL$2", "E"@SEL$5") est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2031379429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2031379429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"J"@SEL$2", "A"@SEL$7") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2420040496
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2420040496
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"J"@SEL$2", "JL"@SEL$1") est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2741784263
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2741784263
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5") est=11.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)

```

```
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3517849227
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3517849227
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2595717135
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2595717135
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$9") est=0.24 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$9", "JL"@SEL$1") est=0.24
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3371782099
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3371782099
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$9") est=0.24 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3614376038
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2838311074
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2838311074
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84 est_nav=8.84 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```



```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$9") est=0.24
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3614376038
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2984378202
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2984378202
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$9") est=0.29 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "A"@SEL$7") est=0.24
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3760443166
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3760443166
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2838311074
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2838311074
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=8.84 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "A"@SEL$9") est=0.24
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3614376038
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3614376038
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"E"@SEL$5", "JL"@SEL$1", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1255314465
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1846336950
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=10 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2031379429
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2031379429
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "J"@SEL$2", "A"@SEL$9") est=0.24 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3371782099
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3371782099
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5") est=8.84 est_nav=8.84
adjfac=31.1041 new_est=275.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "A"@SEL$9") est=7.35 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=10 id=3614376038
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3614376038
VEstatus=COSTCUTOFF esttype=JOIN prelen=6 tables=("A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=10 id=2273973368
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2273973368
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84
adjfac=1.2442 new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2595717135
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2595717135
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9") est=0.24 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$9", "J"@SEL$2", "JL"@SEL$1")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=10 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1992404078
Vestatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```

table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=10 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1255314465
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1070271986

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1401381593
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2653268595
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=10 id=3429333559
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
      VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
      kkoatVerifyEst(exit)
        kkoatVerifyEst(enter)
          pass=10 id=3186739620
          kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
          VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
          kkoatVerifyEst(exit)
            kkoatVerifyEst(enter)
              pass=10 id=1312865925
              kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1312865925
              VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
                kkoatVerifyEst(exit)
                  kkoatVerifyIdxAcc(enter)
                    table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
                    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
                    type=SCAN
                    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                    kkoatVerifyIdxAcc(enter)
                      table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
                      kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
                      type=FILTER
                      kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                      kkoatVerifyIdxAcc(enter)
                        table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
                        kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
                        type=SCAN
                        kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                        kkoatVerifyIdxAcc(enter)
                          table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
                          kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
                          type=FILTER
                          kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                          kkoatVerifyIdxAcc(enter)
                            table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
                            kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
                            type=SCAN
                            kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
                            kkoatVerifyIdxAcc(enter)
                              table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
                              kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
                              type=FILTER
                              kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
```



```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1458933053
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
```

```

    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=2799335723
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
    kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=10 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",

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"A"@SEL\$9", "JL"@SEL\$1", "E"@SEL\$5", "A"@SEL\$7") est=8.84  
est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=3575400687  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=3575400687  
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "JL"@SEL\$1", "E"@SEL\$5", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=2234998017  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=2234998017  
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "JL"@SEL\$1", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=1992404078  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=1992404078  
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2")  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):  
VIstatus=success est=0.25 (no adjustment)  
kkoatVerifyEst(enter)  
pass=10 id=1846336950  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=1846336950  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2", "A"@SEL\$7") est=0.24 est\_nav=0.24  
adjfac=3.3930 new\_est=0.80  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN

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kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
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kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01 est_nav=0.24
adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=10 id=1255314465
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1255314465
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@ "SEL$9", "A"@ "SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=10 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")

```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=256891728
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=71849249
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
  VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
  VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
  VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=217916377
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```



```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
```

```
pass=10 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

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"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1312865925
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
```

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kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=256891728
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=71849249
VEstatus=EXISTS estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN

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kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
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```
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1421617759
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1421617759
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2519426490
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2519426490
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2762020429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1") est=275.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=3517849227
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1619
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2334384011
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9") est=221.03 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
```



```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2373359362
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2373359362
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=101.2118 new_est=25.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=101.2118
new_est=25.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=2177446557
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2177446557
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2420040496
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2420040496
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1") est=275.00 est_nav=11.00 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3517849227
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9") est=7.35 est_nav=0.29 adjfac=38.5691
new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2031379429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2031379429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1236575280
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=256891728
VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1032956692
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1032956692
VEstatus=SIMPJOIN estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1275550631
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1275550631
VEstatus=EXISTS estttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x00000000278F4028
kkoatSaveJoinOrder(exit)
kkoatInitCtx(enter): ctxP=0x000007FF0D1B6078 roundNum=11
kkoatInitCtx(exit): timeSlice=3260
kkoatVerifyEst(enter)
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=11 id=776064964
VEstatus=EXISTS estttype=TABLE prelen=1 tables=("E"@SEL$35") est=92.60
est_nav=92.60 adjfac=0.4427 new_est=41.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=11 id=242593939
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("CO"@SEL$35")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
joP=0x0000000027514028
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=1018658903
```

```
kkoatVerifyEst: complete, qbName=SEL$916FDCC7 pass=11 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("E"@SEL$35", "CO"@SEL$35")
est=41.00 est_nav=41.00 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1D0C0
  jnP=0x0000000027514028
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E56FA28
    kkoatStatsCollectTab(enter): froP=0x0000000016EBE290
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
  lobjCtxP=0x0000000012F17580 froP=0x0000000016EBE290
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x0000000016EBE590
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
  lobjCtxP=0x0000000012F17680 froP=0x0000000016EBE590
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
  esttype=TABLE prelen=1 tables=("E"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
  esttype=TABLE prelen=1 tables=("CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
  esttype=JOIN prelen=2 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
  esttype=JOIN prelen=3 tables=("VW_NSO_1"@SEL$3CE29736", "E"@SEL$33",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
  esttype=JOIN prelen=2 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
  esttype=JOIN prelen=3 tables=("E"@SEL$33", "VW_NSO_1"@SEL$3CE29736",
"CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  kkoatVerifyEst: complete, qbName=NULL pass=-1 id=0 VEstatus=NOTTUNABLE
  esttype=JOIN prelen=2 tables=("E"@SEL$33", "CO"@SEL$33")
  kkoatVerifyEst(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E5609E0
  kkoatStatsCollectTab(enter): froP=0x0000000016EC8760
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
  lobjCtxP=0x0000000012F17580 froP=0x0000000016EC8760
  kkoatTabStatsVerify(exit): statState=OKAY
```

```
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x0000000016EC8A60
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17680 froP=0x0000000016EC8A60
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E59AC98
  kkoatStatsCollectTab: skip fro=000000001E59AC98
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
  pass=11 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$19 pass=11 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("WM"@SEL$19) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=WM index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AE78
jop=0x0000000027514028
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AE78
jop=0x0000000027514028
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E52E378
  kkoatStatsCollectTab(enter): froP=0x000000001E52DFF0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17780 froP=0x000000001E52DFF0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
  pass=11 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U"@SEL$18")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=U index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyEst(enter)
pass=11 id=2113250766
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2113250766
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1593508212
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1593508212
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=598302687
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=598302687
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=402958856
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=402958856
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=4148900168
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=998422737
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
jop=0x0000000027514028
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2017081640
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1842133530
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1696066402
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1696066402
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3036469072
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
```

```

    kkoatVerifyIdxAccDerive(enter) table=WMMU index=I_USER# type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=WMMU index=I_USER2 type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=WMMU index=I_USER2 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=11 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3439427928
VEstatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMMU"@SEL$17"
)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=11 id=3182536200
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3182536200
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
    kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=11 id=3036469072
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",

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```
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3439427928
VEstatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3585495056
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3585495056
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```

    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=11 id=3439427928
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3439427928
VEstatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17", "CMU"@SEL$17"
)
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=11 id=3367578679
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3367578679
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=11 id=3182536200
    kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3182536200
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17", "CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3439427928
VEstatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"WMO"@SEL$17", "CMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
```

```
table=WMO index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2519426490
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$WINGRP_MEMBER_UQ type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$WINGRP_MEMBER_UQ type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$DEST_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$DEST_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$DEST_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$DEST_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2027176009
```



```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1696066402
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
```

```

"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3439427928
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3439427928
VEstatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=O index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
```

```
table=D index=SCHEDULER$_DEST_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1696066402
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```

table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3036469072
Vestatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3439427928
Vestatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2116467634
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ2 estType=FILTER

```

```
kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1018658903
Vestatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2017081640
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=4130332406
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1428873322
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2027176009
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1842133530
Vestatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3182536200
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3182536200
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3439427928
VEstatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "WMO"@SEL$17", "CMU"@SEL$17", "WMU"@SEL$17"
)
```



```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=1179023820
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMU"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=11 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2519426490
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"WMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=11 id=1374367651
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1374367651
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"D"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=11 id=2967875863
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2967875863
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$WINDOW_GROUP_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$WINDOW_GROUP_PK type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=786159333
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=786159333
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1784582070
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1784582070
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1842133530
```

```
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"D"@SEL$17", "WG"@SEL$17", "W"@SEL$17", "J1"@SEL$18", "O"@SEL$18",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1018658903
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U"@SEL$18",
"O"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J1 index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2017081640
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=SCHEDULER$_WINDOW_GROUP_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_1
index=SCHEDULER$_WINDOW_GROUP_PK type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
```

```

pass=11 id=4130332406
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=4130332406
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=SCHEDULER$_WINGRP_MEMBER_UQ estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=SCHEDULER$_WINGRP_MEMBER_UQ type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_SCHEDULER_WINGRP_MEMBER1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2
index=I_SCHEDULER_WINGRP_MEMBER1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1428873322
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1428873322
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=D index=SCHEDULER$_DEST_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=D index=SCHEDULER$_DEST_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2027176009
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2027176009
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CMO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CMO index=I_OBJ1 type=FILTER

```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1842133530
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1842133530
VEstatus=TABESTMISS esttype=JOIN prelen=7 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CMU index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CMU index=I_USER2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1696066402
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=1696066402
VEstatus=TABESTMISS esttype=JOIN prelen=8 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3036469072
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3036469072
VEstatus=TABESTMISS esttype=JOIN prelen=9 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER# type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=WMU index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=WMU index=I_USER2 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3439427928
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=3439427928
Vestatus=TABESTMISS esttype=JOIN prelen=10 tables=("U"@SEL$18",
"O"@SEL$18", "J1"@SEL$18", "W"@SEL$17", "WG"@SEL$17", "D"@SEL$17",
"CMO"@SEL$17", "CMU"@SEL$17", "WMO"@SEL$17", "WMU"@SEL$17"
)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2116467634
kkoatVerifyEst: complete, qbName=SEL$5F3F0374 pass=11 id=2116467634
Vestatus=SIMPJOIN esttype=JOIN prelen=2 tables=("U"@SEL$18",
"WMO"@SEL$17")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1AFA8
joP=0x0000000027514028
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x000000001E51A850
kkoatStatsCollectTab(enter): froP=0x000000001E52F7F8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E52F7F8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E52FAE8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E52FAE8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E52FDE0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17968 froP=0x000000001E52FDE0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E514280
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E514280
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E514570
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E514570
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x000000001E514860
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E514860
```

```
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E514CE0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E514CE0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E5152E0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E5152E0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E5155E0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17780 froP=0x000000001E5155E0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001E5158E0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17A68 froP=0x000000001E5158E0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=11 id=776064964
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("D"@SEL$15")
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x0000000027514028
kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=11 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=11 id=1018658903
VEstatus=NOROWS estttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x0000000027514028
kkoatSaveJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=11 id=776064964
VEstatus=NOPREDS estttype=TABLE prelen=1 tables=("D"@SEL$15")
kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x0000000023039EF8
kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=11 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$1FB6C052 pass=11 id=1018658903
VEstatus=NOROWS estttype=JOIN prelen=2 tables=("DD"@SEL$14", "D"@SEL$15")
kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B5C0
joP=0x0000000023039EF8
```

```
kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E4F9090
  kkoatStatsCollectTab(enter): froP=0x000000001E51AB60
kkoatStatsCollectTab: skip fro=000000001E51AB60
  kkoatStatsCollectTab(enter): froP=0x000000001E51B1C8
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001E51B1C8
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=11 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$26") est=0.02
est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C280
jop=0x0000000027514028
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=1018658903
  kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "AO"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
```



```
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=2017081640
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=1832039161
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "AO"@SEL$26",
"O"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=833616424
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=833616424
Vestatus=SIMPJOIN esttype=JOIN prelen=3 tables=("D"@SEL$26",
"AO"@SEL$26", "U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=O index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=O index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=11 id=1774487701
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=1774487701
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$26", "O"@SEL$26")
est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=2017081640
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=2017081640
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"AO"@SEL$26", "U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=U index=I_USER# estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=SCAN
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

```

table=U index=I_USER# estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER# type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=U index=I_USER2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=U index=I_USER2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=1832039161
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=1832039161
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("D"@SEL$26", "O"@SEL$26",
"U"@SEL$26", "AO"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=591022485
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=591022485
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("D"@SEL$26",
"U"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=AO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=AO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=833616424

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```
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=833616424
VEstatus=COSTCUTOFF esttype=JOIN prelen=3 tables=("D"@SEL$26",
"U"@SEL$26", "AO"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAccDerive(exit): est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.03 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=1589445222
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("D"@SEL$26", "U"@SEL$26",
"O"@SEL$26") est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=591022485
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("U"@SEL$26",
"D"@SEL$26")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ2 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ4 type=FILTER
```

```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=813380258
kkoatVerifyEst: complete, qbName=SEL$1C34B9A1 pass=11 id=813380258
VEstatus=COSTCUTOFF esttype=JOIN prelen=2 tables=("U"@SEL$26",
"O"@SEL$26")
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C280
joP=0x0000000027514028
    kkoatSaveJoinOrder(exit)
      kkoatStatsCollect(enter): qbcP=0x000000001E574070
      kkoatStatsCollectTab(enter): froP=0x000000001E5F0488
      kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E5F0488
      kkoatTabStatsVerify(exit): statState=OKAY
      kkoatStatsCollectTab(exit)
        kkoatStatsCollectTab(enter): froP=0x000000001E5F0788
        kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E5F0788
        kkoatTabStatsVerify(exit): statState=OKAY
        kkoatStatsCollectTab(exit)
          kkoatStatsCollectTab(enter): froP=0x000000001E5F0A78
          kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E5F0A78
          kkoatTabStatsVerify(exit): statState=OKAY
          kkoatStatsCollectTab(exit)
            kkoatStatsCollectTab(enter): froP=0x000000001E5F0D00
            kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E5F0D00
            kkoatTabStatsVerify(exit): statState=OKAY
            kkoatStatsCollectTab(exit)
              kkoatStatsCollect(exit)
                kkoatVerifyEst(enter)
pass=11 id=776064964
                kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=11 id=776064964
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("O"@SEL$28")
                kkoatVerifyEst(exit)
                  kkoatVerifyEst(enter)
pass=11 id=242593939
                  kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=11 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("D"@SEL$28") est=0.02
est_nav=0.02 (no adjustment)
                  kkoatVerifyEst(exit)
                    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x0000000027514028
                    kkoatRestoreJoinOrder(exit)
                      kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=SCAN
                      kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=SCAN
                      kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
                      kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 (no adjustment)
                      kkoatVerifyIdxAcc(enter)
table=0 index=I_OBJ1 estType=FILTER
                      kkoatVerifyIdxAccDerive(enter) table=0 index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAccDerive(exit): est=1.00 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=1.00 (no adjustment)
  kkoatVerifyEst(enter)
pass=11 id=1018658903
kkoatVerifyEst: complete, qbName=SEL$A065B7E5 pass=11 id=1018658903
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("D"@SEL$28", "O"@SEL$28")
est=0.02 est_nav=0.02 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1C558
joP=0x0000000027514028
    kkoatSaveJoinOrder(exit)
      kkoatStatsCollect(enter): qbcP=0x000000001E573538
      kkoatStatsCollectTab(enter): froP=0x000000001E549500
      kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F1B7E0 froP=0x000000001E549500
      kkoatTabStatsVerify(exit): statState=OKAY
      kkoatStatsCollectTab(exit)
        kkoatStatsCollectTab(enter): froP=0x000000001E5497F0
        kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E5497F0
      kkoatTabStatsVerify(exit): statState=OKAY
      kkoatStatsCollectTab(exit)
      kkoatStatsCollect(exit)
        kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$23 pass=11 id=242593939
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("R01"@SEL$23")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ2 estType=SKIP_SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=R01 index=I_OBJ5 estType=SKIP_SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x0000000027514028
    kkoatRestoreJoinOrder(exit)
      kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B8C8
joP=0x0000000027514028
      kkoatSaveJoinOrder(exit)
        kkoatStatsCollect(enter): qbcP=0x000000001E576C58
        kkoatStatsCollectTab(enter): froP=0x000000001E576260
        kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001E576260
      kkoatTabStatsVerify(exit): statState=OKAY
      kkoatStatsCollectTab(exit)
      kkoatStatsCollect(exit)
        kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$24 pass=11 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L01"@SEL$24")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=L01 index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
```

```
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x0000000027514028
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1B9F8
joP=0x0000000027514028
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E575C18
  kkoatStatsCollectTab(enter): froP=0x000000001E575290
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17C70 froP=0x000000001E575290
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=11 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$52271521 pass=11 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("RJ1"@ "SEL$21") est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=RJ1 index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x0000000027514028
  kkoatRestoreJoinOrder(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A758
joP=0x0000000027514028
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x000000001E526D60
  kkoatStatsCollectTab(enter): froP=0x000000001E523528
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17968 froP=0x000000001E523528
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=11 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$44902B2C pass=11 id=242593939
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LJ1"@ "SEL$22")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LJ1 index=SCHEDULER$_LWJOB_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x0000000027514028
  kkoatRestoreJoinOrder(exit)
```

```
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A898
joP=0x0000000027514028
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E523140
    kkoatStatsCollectTab(enter): froP=0x000000001E577980
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001E577980
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
  pass=11 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=776064964
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("U1"@SEL$20)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=SCAN
    kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatVerifyIdxAcc(enter)
table=U1 index=I_USER1 estType=FILTER
    kkoatVerifyIdxAcc: using access estimate for filter
    kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
    kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000027514028
  kkoatRestoreJoinOrder(exit)
    kkoatVerifyEst(enter)
  pass=11 id=1774487701
  kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1774487701
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("U1"@SEL$20",
"O1"@SEL$20)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=11 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1589445222
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=11 id=1832039161
  kkoatVerifyEst: complete, qbName=SEL$20 pass=11 id=1832039161
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("U1"@SEL$20",
"O1"@SEL$20", "J1"@SEL$20", "JD1"@SEL$20)
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1BD88
joP=0x0000000027514028
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E52C618
    kkoatStatsCollectTab(enter): froP=0x000000001E574380
    kkoatStatsCollectTab: skip fro=000000001E574380
    kkoatStatsCollectTab(enter): froP=0x000000001E574670
    kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001E574670
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
```



```
kkoatStatsCollectTab(enter): froP=0x000000001E576FE8
kkoatStatsCollectTab: skip fro=000000001E576FE8
kkoatStatsCollectTab(enter): froP=0x000000001E527070
kkoatStatsCollectTab: skip fro=000000001E527070
kkoatStatsCollect(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F196E0
jopP=0x0000000027514028
kkoatRestoreJoinOrder(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F196E0
jopP=0x0000000027514028
kkoatSaveJoinOrder(exit)
kkoatStatsCollect(enter): qbcP=0x0000000016F10180
kkoatStatsCollectTab(enter): froP=0x0000000016F06C30
kkoatStatsCollectTab: skip fro=0000000016F06C30
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=11 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=4148900168
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JU"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=11 id=1340402670
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=11 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=998422737
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30") est=1.00
est_nav=1.00 (no adjustment)
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027514028
kkoatRestoreJoinOrder(exit)
kkoatVerifyEst(enter)
pass=11 id=96526811
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEMULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): V!status=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=872591775
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1871014512
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1628420573
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1194335542
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
```

```
pass=11 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
VEstatus=SIMPJOIN esttpe=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttpe=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
VEstatus=TABESTMISS esttpe=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=SIMPJOIN esttpe=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=852355609
VEstatus=SIMPJOIN esttpe=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=852355609
VEstatus=SIMPJOIN esttpe=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=852355609
VEstatus=SIMPJOIN esttpe=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=852355609
VEstatus=SIMPJOIN esttpe=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=852355609
VEstatus=SIMPJOIN esttpe=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x0000000027514028
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=11 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=4148900168
VEstatus=SUCCESS esttpe=TABLE prelen=1 tables=("JU"@SEL$12")
```



```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_1 index=I_USER1 estType=FILTER
  kkoatVerifyIdxAcc: using access estimate for filter
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=11 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1340402670
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyEst(enter)
pass=11 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=4109924817
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=776064964
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=776064964
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("DI"@SEL$30) est=1.00
est_nav=1.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=242593939
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F1A500
joP=0x000000002754C058
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyEst(enter)
pass=11 id=96526811
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=96526811
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=872591775
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=872591775
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30")
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3026374703

```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1436929481
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2435352218
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1094949548
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1094949548
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=629997836
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=629997836
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=872591775
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=872591775
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
```

```

table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1871014512
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1871014512
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN

```

```
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1970400506
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2968823243
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2783780764
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
```



```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"DI"@SEL$30", "JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1628420573
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1628420573
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
  kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1194335542
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=1436929481
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=2212994445
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
```

```

table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2435352218
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS

```

```
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2968823243
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2192758279
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2435352218
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=11 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ1
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ2
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ2 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=SYS_ALIAS_2 index=I_OBJ2
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=SYS_ALIAS_2 index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=SYS_ALIAS_2 index=I_OBJ4
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1194335542
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1194335542
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"JO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=1436929481
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1436929481
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=CARTPROD esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
```



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3026374703
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
Vestatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2435352218
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2435352218
Vestatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3211417182
  kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=1970400506
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=1970400506
VEstatus=CARTPROD esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=2212994445
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2212994445
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3211417182
```

```
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "DI"@SEL$30", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=J index=SCHEDULER$_JOB_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=J index=SCHEDULER$_JOB_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2192758279
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2192758279
Vestatus=TABESTMISS esttype=JOIN prelen=3 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2435352218
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2435352218
Vestatus=SIMPJOIN esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
Vestatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI2"@SEL$30", "CO"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=2968823243
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2968823243
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=3211417182
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3211417182
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "DI2"@SEL$30", "CO"@SEL$12")
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "DI"@SEL$30", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=CO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=CO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=2007715800
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2007715800
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=2250309739
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2250309739
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=3026374703
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=3026374703
VEstatus=TABESTMISS esttype=JOIN prelen=6 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI2"@SEL$30", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=2783780764
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=2783780764
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("JU"@SEL$12",
"JO"@SEL$12", "J"@SEL$12", "CO"@SEL$12", "DI"@SEL$30")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=852355609
kkoatVerifyEst: complete, qbName=SEL$583C4D64 pass=11 id=852355609
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("JU"@SEL$12",
"J"@SEL$12")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=852355609
```



```
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016F02808
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016F02AF8
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x0000000016F02AF8
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollectTab(enter): froP=0x0000000016F02FC0
kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x0000000016F02FC0
kkoatTabStatsVerify(exit): statState=OKAY
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
kkoatVerifyEst(enter)
pass=11 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=11 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyEst(enter)
pass=11 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=242593939
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
jop=0x0000000027617FD8
kkoatRestoreJoinOrder(exit)
kkoatVerifyIdxAcc(enter)
```



```
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyEst(enter)
  pass=11 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
  new_est=22.09
  kkoatVerifyEst(enter)
  pass=11 id=1685972033
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
    pass=11 id=687549296
    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
    kkoatVerifyEst(exit)
      kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
      kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
      kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
      kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
      kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
      kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
      kkoatVerifyEst(enter)
        pass=11 id=1685972033
        kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
        kkoatVerifyEst(exit)
          kkoatVerifyEst(enter)
            pass=11 id=4206451628
            kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=4206451628
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "PO"@SEL$31")
            kkoatVerifyEst(exit)
              kkoatVerifyEst(enter)
                pass=11 id=591022485
                kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=591022485
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
                kkoatVerifyEst(exit)
                  kkoatVerifyEst(enter)
                    pass=11 id=444955357
                    kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
                    kkoatVerifyEst(exit)
                      kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
                      kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
                      kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
                      kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
                      kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
                      kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
                      kkoatVerifyEst(enter)
                        pass=11 id=1443378094
                        kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=11 id=687549296
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1589445222
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=1.00 adjfac=22.0875 new_est=22.09
  kkoatVerifyIdxAcc(exit): Vistatus=success est=1.00 adjfac=22.0875
new_est=22.09
  kkoatVerifyEst(enter)
  pass=11 id=833616424
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=11 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=57551460
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000027617FD8
kkoatSaveJoinOrder(exit)
kkoatVerifyEst(enter)
pass=11 id=4109924817
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=4109924817
VEstatus=SUCCESS esttype=TABLE prelen=1 tables=("LU"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyIdxAcc(enter)
table=LU index=I_USER1 estType=FILTER
kkoatVerifyIdxAcc: using access estimate for filter
kkoatVerifyIdxAcc(exit): VIstatus=SUCCESS
kkoatVerifyEst(enter)
pass=11 id=4148900168
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=4148900168
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("LO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=CANDFRO
kkoatVerifyEst(enter)
pass=11 id=998422737
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=998422737
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=776064964
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=776064964
VEstatus=NOROWS esttype=TABLE prelen=1 tables=("L"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=11 id=242593939
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=242593939
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("PO"@SEL$31") est=27.53
est_nav=27.53 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAcc(exit): VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
```

```
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=27.53 (no adjustment)
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000023294028
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyIdxAcc(enter)
table=LO index=SCHEDULER$_LOBJ_UK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=CANDFRO
  kkoatVerifyEst(enter)
pass=11 id=3963857689
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=3963857689
VEstatus=TABESTMISS esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=11 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=444955357
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "LCO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1685972033
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1685972033
VEstatus=TABESTMISS esttype=JOIN prelen=5 tables=("LU"@SEL$31",
"LO"@SEL$31", "L"@SEL$31", "PO"@SEL$31", "LCO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=11 id=4206451628
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=4206451628
Vlstatus=CARTPROD esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"LO"@ "SEL$31", "PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=591022485
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"L"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=444955357
Vlstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "LO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
```

```
pass=11 id=1443378094
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1443378094
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAccReUse(exit)
```



```
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@ "SEL$31",
"L"@ "SEL$31", "PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=11 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=591022485
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=591022485
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"L"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=11 id=444955357
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=444955357
Vlstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=11 id=1443378094
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1443378094
Vlstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "LCO"@SEL$31")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=687549296
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=687549296
VEstatus=TABESTMISS esttype=JOIN prelen=4 tables=("LU"@SEL$31",
"L"@SEL$31", "LO"@SEL$31", "PO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=LCO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=LCO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=11 id=1589445222
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=1589445222
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "LCO"@SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ1 type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyEst(enter)
pass=11 id=833616424
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=833616424
VEstatus=TABESTMISS esttype=JOIN prelen=3 tables=("LU"@SEL$31",
"L"@SEL$31", "PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@SEL$31",
"PO"@SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
```

```
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=57551460
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=57551460
Vlstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAccReUse(exit)
kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
kkoatVerifyIdxAcc(exit): Vlstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=27.53 (no adjustment)
kkoatVerifyEst(enter)
pass=11 id=57551460
```

```
kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ1 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ1 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ2 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ2 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ4 estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAccReUse(exit)
  kkoatVerifyIdxAccDerive(enter) table=PO index=I_OBJ4 type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=PO index=I_OBJ5 estType=SKIP_SCAN
  kkoatVerifyIdxAccReUse(enter): table=PO index=I_OBJ5 type=SKIP_SCAN
  kkoatVerifyIdxAccReUse(exit): est=27.53 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=27.53 (no adjustment)
  kkoatVerifyEst(enter)
  pass=11 id=57551460
  kkoatVerifyEst: complete, qbName=SEL$CBADD118 pass=11 id=57551460
VEstatus=CARTPROD esttype=JOIN prelen=2 tables=("LU"@ "SEL$31",
"PO"@ "SEL$31")
  kkoatVerifyEst(exit)
  kkoatSaveJoinOrder(enter): qbCtxP=0x0000000012F18840
joP=0x0000000023294028
  kkoatSaveJoinOrder(exit)
  kkoatStatsCollect(enter): qbcP=0x0000000016F00E68
  kkoatStatsCollectTab(enter): froP=0x000000001CFEF1F8
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001CFEF1F8
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001CFEF500
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17B70 froP=0x000000001CFEF500
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001CFEF7F0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17580 froP=0x000000001CFEF7F0
  kkoatTabStatsVerify(exit): statState=OKAY
```

```
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001CFEFAE0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17870 froP=0x000000001CFEFAE0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001CFEFDE0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17C70 froP=0x000000001CFEFDE0
  kkoatTabStatsVerify(exit): statState=OKAY
  kkoatStatsCollectTab(exit)
  kkoatStatsCollect(exit)
  kkoatVerifyEst(enter)
pass=10 id=402958856
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=402958856
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$5") est=0.11
est_nav=0.11 adjfac=100.0000 new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1340402670
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1340402670
VEstatus=NOPREDS esttype=TABLE prelen=1 tables=("E"@SEL$5")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=4148900168
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=4148900168
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$7") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=4109924817
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=4109924817
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$9") est=8.84
est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=success est=8.84 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=998422737
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=998422737
VEstatus=EXISTS esttype=TABLE prelen=1 tables=("A"@SEL$11") est=8.84
est_nav=8.84 adjfac=0.1131 new_est=1.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SKIP_SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=success est=8.84 adjfac=0.1131
new_est=1.00
  kkoatRestoreJoinOrder(enter): qbCtxP=0x0000000016E8AB58
joP=0x0000000027617FD8
  kkoatRestoreJoinOrder(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@ "SEL$9", "A"@ "SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=10 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@ "SEL$9", "A"@ "SEL$5",
"A"@ "SEL$11") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1992404078
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1992404078
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=10 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5") est=0.29 est_nav=0.29
adjfac=4.2855 new_est=1.26
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
```

```
pass=10 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7") est=0.24 est_nav=0.24
adjfac=3.3930 new_est=0.80
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
```

```
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=0.80
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2234998017
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1") est=0.29 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5") est=0.29
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7")
est=9.12 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=0.24
est_nav=0.24 adjfac=47.9864 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7", "E"@SEL$5")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
```

```

table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2556741784
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER

```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
```



```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER

```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2234998017
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)

```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1312865925
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=1992404078
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
```

```

kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5") est=11.34 est_nav=0.29
adjfac=4.2855 new_est=1.26
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",

```

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"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est=  kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=9.12 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2234998017
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2234998017
VEstatus=EXISTS estttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=11.34 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
```

```

    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=2334384011
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2334384011
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
pass=10 id=3332806748
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11") est=341.00 est_nav=8.84
adjfac=4.2855 new_est=37.89
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)

```



```
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=274.08 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1625
new_est=0.04
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
```

```
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=274.08
est_nav=7.11 adjfac=47.9864 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=274.08
est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2576977950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=341.00 est_nav=8.84
adjfac=38.5691 new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=847914213
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=847914213
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 adjfac=47.9864
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
```

```
pass=10 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=341.00 est_nav=7.11
adjfac=3.3930 new_est=24.11
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2188316883
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "A"@SEL$7", "E"@SEL$5") est=341.00 est_nav=7.11 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
```

```
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
    pass=10 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
    VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
    "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$11") est=341.00
    est_nav=7.11 adjfac=47.9864 new_est=341.00
    kkoatVerifyEst(exit)
      kkoatVerifyEst(enter)
        pass=10 id=2430910822
        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
        VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
        "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=341.00
        est_nav=7.11 (no adjustment)
        kkoatVerifyEst(exit)
          kkoatVerifyEst(enter)
            pass=10 id=1090508152
            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1090508152
            VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
            "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=341.00 est_nav=7.11 (no
            adjustment)
            kkoatVerifyEst(exit)
              kkoatVerifyEst(enter)
                pass=10 id=1236575280
                kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1236575280
                VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
                "J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
                new_est=341.00
                kkoatVerifyEst(exit)
                  kkoatVerifyIdxAcc(enter)
                    table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
                    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
                    type=SCAN
                    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
                    kkoatVerifyIdxAcc(enter)
                      table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
                      kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
                      type=FILTER
                      kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
                      kkoatVerifyIdxAcc(enter)
                        table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
                        kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
                        type=SCAN
                        kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
                        kkoatVerifyIdxAcc(enter)
                          table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
                          kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
                          type=FILTER
                          kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
                          kkoatVerifyIdxAcc(enter)
                            table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=1558319047
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1558319047
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2556741784
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11") est=8.84 est_nav=8.84 adjfac=37.4015
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
```

```

    kkoatVerifyEst(enter)
    pass=10 id=2410674656
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
    VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
    "E"@SEL$5", "A"@SEL$11", "A"@SEL$7") est=8.84 est_nav=0.24 (no
    adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=10 id=3186739620
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
    VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
    "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=10 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
    VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
    "E"@SEL$5", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=8.84
    est_nav=0.24 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=10 id=2799335723
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
    VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
    "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
    adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
    pass=10 id=3575400687
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
    VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
    "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "J"@SEL$2")
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
    table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
    type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
    kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
    new_est=1.00
    kkoatVerifyIdxAcc(enter)
    table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
    type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
    VEstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
    pass=10 id=2653268595
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
    VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
    "E"@SEL$5", "A"@SEL$11", "JL"@SEL$1", "A"@SEL$7") est=8.84
    est_nav=0.24 (no adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)

```

```
pass=10 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2334384011
VEstatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11") est=8.84 est_nav=8.84
adjfac=4.2855 new_est=37.89
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7") est=1.01
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
  pass=10 id=2188316883
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2188316883
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
new_est=0.04
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
    kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "A"@SEL$11") est=7.11
est_nav=7.11 adjfac=47.9864 new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=10 id=2430910822
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "A"@SEL$7", "JL"@SEL$1") est=7.11
est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=10 id=2576977950
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2576977950
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84
adjfac=38.5691 new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1412251919
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1412251919
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11") est=7.11 est_nav=7.11 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=10 id=3429333559
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "J"@SEL$2", "JL"@SEL$1")
est=0.24 est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=10 id=2653268595
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
      VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
      "E"@SEL$5", "A"@SEL$7", "A"@SEL$11", "JL"@SEL$1") est=0.24
      est_nav=0.24 (no adjustment)
        kkoatVerifyEst(exit)
          kkoatVerifyEst(enter)
            pass=10 id=2188316883
            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2188316883
            VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
            "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
            kkoatVerifyEst(exit)
              kkoatVerifyIdxAcc(enter)
                table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
                kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
                type=SCAN
                kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1625 new_est=0.04
                kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1625
                new_est=0.04
                kkoatVerifyIdxAcc(enter)
                  table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
                  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
                  type=FILTER
                  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
                  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
                  new_est=0.03
                  kkoatVerifyEst(enter)
                    pass=10 id=3186739620
                    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
                    VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
                    "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11") est=7.11
                    est_nav=7.11 adjfac=47.9864 new_est=341.00
                    kkoatVerifyEst(exit)
                      kkoatVerifyEst(enter)
                        pass=10 id=3429333559
                        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
                        VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
                        "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "A"@SEL$11", "JL"@SEL$1")
                        est=11.34 est_nav=0.24 (no adjustment)
                        kkoatVerifyEst(exit)
                          kkoatVerifyEst(enter)
                            pass=10 id=2430910822
                            kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
                            VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
                            "E"@SEL$5", "A"@SEL$7", "J"@SEL$2", "JL"@SEL$1") est=7.11
                            est_nav=7.11 (no adjustment)
                            kkoatVerifyEst(exit)
                              kkoatVerifyEst(enter)
```

```
pass=10 id=1654845858
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1654845858
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=7.11 est_nav=7.11 (no
adjustement)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "A"@SEL$11") est=7.11
est_nav=7.11 (no adjustement)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2430910822
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2430910822
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"E"@SEL$5", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustement)
kkoatVerifyEst(exit)
```

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=71849249
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=71849249
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=1070271986
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
```

```
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
  pass=10 id=1401381593
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1401381593
Vestatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$5", "A"@SEL$11")
est=11.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1216339114
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1216339114
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9") est=0.29 est_nav=0.29 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
Vestatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1312865925
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustement)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=10 id=3429333559
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=10 id=2088930889
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
```

```
kkoatVerifyEst(enter)
pass=10 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
```



```
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vlstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vlstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3332806748
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1458933053
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1458933053
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2799335723
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5") est=11.00 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
Vestatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
Vestatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2234998017
Vestatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1992404078
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1992404078
Vestatus=SIMPJOIN esttype=JOIN prelen=4 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2")
```

```
kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1846336950
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
Vstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "A"@SEL$7") est=0.24 est_nav=0.24
adjfac=3.3930 new_est=0.80
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
Vstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
```

"A"@SEL\$9", "J"@SEL\$2", "A"@SEL\$7", "E"@SEL\$5") est=0.80 est\_nav=0.24  
adjfac=47.9864 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=3429333559  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=3429333559  
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2", "A"@SEL\$7", "E"@SEL\$5", "JL"@SEL\$1")  
est=11.34 est\_nav=0.24 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyEst(enter)  
pass=10 id=2088930889  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=2088930889  
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2", "A"@SEL\$7", "JL"@SEL\$1") est=0.80  
est\_nav=0.24 adjfac=47.9864 new\_est=11.34  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ADV\_EXECS\_IDX\_03  
type=FILTER  
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS  
kkoatVerifyEst(enter)  
pass=10 id=3332806748  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=3332806748  
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL\$5", "A"@SEL\$11",  
"A"@SEL\$9", "J"@SEL\$2", "E"@SEL\$5") est=0.29 est\_nav=0.29  
adjfac=4.2855 new\_est=1.26  
kkoatVerifyEst(exit)

```
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7") est=1.01 est_nav=0.24
adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=EXISTS esttype=JOIN prelen=7 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1")
est=11.34 est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3575400687
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "E"@SEL$5", "JL"@SEL$1") est=1.26
est_nav=0.29 adjfac=38.5691 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2234998017
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2234998017
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1") est=0.29 est_nav=0.29 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
```

```
kkoatVerifyEst(enter)
pass=10 id=2088930889
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2088930889
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$5", "A"@SEL$11",
"A"@SEL$9", "J"@SEL$2", "JL"@SEL$1", "A"@SEL$7") est=0.24
est_nav=0.24 adjfac=47.9864 new_est=11.34
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
Vestatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
```



```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS estttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=10 id=3429333559
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
      VEstatus=SIMPJOIN estttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
      kkoatVerifyEst(exit)
        kkoatVerifyIdxAcc(enter)
          table=A index=WRI$ADV_TASKS_PK estType=SCAN
          kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
          type=SCAN
          kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
          kkoatVerifyIdxAcc(enter)
            table=A index=WRI$ADV_TASKS_PK estType=FILTER
            kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
            type=FILTER
            kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
            kkoatVerifyIdxAcc(enter)
              table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
              kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
              type=FILTER
              kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
              kkoatVerifyEst(enter)
                pass=10 id=256891728
                kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=256891728
                VEstatus=EXISTS estttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
                est=8.84 est_nav=8.84 (no adjustment)
                kkoatVerifyEst(exit)
                  kkoatVerifyIdxAcc(enter)
                    table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
                    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
                    type=SCAN
                    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
                    kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.9481
                    new_est=1.22
                    kkoatVerifyIdxAcc(enter)
                      table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
                      kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
                      type=FILTER
                      kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
                      kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=0.1131
                      new_est=0.03
                      kkoatVerifyEst(enter)
                        pass=10 id=1255314465
                        kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1255314465
                        VEstatus=EXISTS estttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
                        kkoatVerifyEst(exit)
                          kkoatVerifyIdxAcc(enter)
                            table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
```

```
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
    pass=10 id=1070271986
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
    pass=10 id=2410674656
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
```

```
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
```

```

    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
    kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
    kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=2556741784
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
    kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
    kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
    kkoatVerifyEst(enter)
pass=10 id=2410674656
    kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
    kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=3186739620

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3332806748
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=2799335723
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2653268595
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
  pass=10 id=3575400687
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
```

```
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
```

```
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VEstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
kkoatVerifyIdxAcc(exit): VEstatus=success est=0.25 adjfac=4.9481
new_est=1.22
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VEstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=71849249
```

kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=71849249  
Vestatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9") est=7.11 est\_nav=7.11 (no adjustment)  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=SCAN  
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new\_est=1.57  
kkoatVerifyIdxAcc(exit): Vestatus=success est=0.25 adjfac=6.3619  
new\_est=1.57  
kkoatVerifyIdxAcc(enter)  
table=A index=WRI\$ \_ADV\_PARAMETERS\_PK estType=FILTER  
kkoatVerifyIdxAccReUse(enter): table=A index=WRI\$ \_ADV\_PARAMETERS\_PK  
type=FILTER  
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new\_est=0.03  
kkoatVerifyIdxAcc(exit): Vestatus=success est=0.25 adjfac=0.1131  
new\_est=0.03  
kkoatVerifyEst(enter)  
pass=10 id=1070271986  
kkoatVerifyEst: complete, qbName=SEL\$E6BC9F71 pass=10 id=1070271986  
Vestatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL\$7", "A"@SEL\$5",  
"A"@SEL\$9", "A"@SEL\$11") est=7.11 est\_nav=7.11 adjfac=46.5337  
new\_est=330.68  
kkoatVerifyEst(exit)  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_PK estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_PK  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_02  
type=FILTER  
kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=SCAN  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=SCAN  
kkoatVerifyIdxAcc(exit): Vestatus=NLPREDS  
kkoatVerifyIdxAcc(enter)  
table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03 estType=FILTER  
kkoatVerifyIdxAccDerive(enter) table=E index=WRI\$ \_ADV\_EXECS\_IDX\_03  
type=FILTER



```
kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=217916377
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustement)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=10 id=1216339114
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1216339114
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11") est=8.84 est_nav=8.84 (no adjustement)
```

```

kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2556741784
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2556741784
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5") est=0.29 est_nav=0.29 adjfac=37.4015
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=2410674656

```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7") est=8.84 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
      pass=10 id=3186739620
      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "J"@SEL$2")
      kkoatVerifyEst(exit)
        kkoatVerifyEst(enter)
          pass=10 id=2653268595
          kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "A"@SEL$7", "JL"@SEL$1") est=8.84
est_nav=0.24 (no adjustment)
          kkoatVerifyEst(exit)
            kkoatVerifyEst(enter)
              pass=10 id=3332806748
              kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3332806748
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
              kkoatVerifyEst(exit)
                kkoatVerifyEst(enter)
                  pass=10 id=2799335723
                  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2799335723
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1") est=11.00 est_nav=0.29 (no
adjustment)
                  kkoatVerifyEst(exit)
                    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
                    kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
                    kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
                    kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
                    kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
                    kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
                    kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
                    kkoatVerifyEst(enter)
                      pass=10 id=2653268595
                      kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "A"@SEL$7") est=8.84
est_nav=0.24 (no adjustment)
                      kkoatVerifyEst(exit)
                        kkoatVerifyEst(enter)
                          pass=10 id=3575400687
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3575400687
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=44.5332 new_est=11.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=44.5332
new_est=11.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7") est=0.24 est_nav=0.24 adjfac=46.5337
new_est=11.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```
kkoatVerifyEst(enter)
pass=10 id=2410674656
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3186739620
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "E"@SEL$5", "JL"@SEL$1", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1846336950
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1846336950
VEstatus=SIMPJOIN esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=1312865925
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1312865925
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1") est=11.00 est_nav=0.24 (no
adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
```

```

kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_03 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_03
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=2653268595
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2653268595
VEstatus=EXISTS esttype=JOIN prelen=6 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5") est=11.00
est_nav=0.24 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=3429333559
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3429333559
VEstatus=SIMPJOIN esttype=JOIN prelen=7 tables=("A"@SEL$9", "A"@SEL$5",
"A"@SEL$11", "A"@SEL$7", "JL"@SEL$1", "E"@SEL$5", "J"@SEL$2")
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=SCAN
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_PK estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_PK
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_TASKS_IDX_02 estType=FILTER
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_TASKS_IDX_02
type=FILTER
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
kkoatVerifyEst(enter)
pass=10 id=256891728
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.9481 new_est=1.22

```

```
kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.9481
new_est=1.22
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
Vistatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=71849249
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=71849249
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9") est=7.11 est_nav=7.11 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ _ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=6.3619 new_est=1.57
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=6.3619
new_est=1.57
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ _ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ _ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=10 id=1070271986
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1070271986
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11") est=7.11 est_nav=7.11 adjfac=46.5337
new_est=330.68
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ _ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ _ADV_EXECS_IDX_02
type=FILTER
```

```
kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2410674656
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2410674656
VEstatus=EXISTS esttype=JOIN prelen=5 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5") est=11.00 est_nav=0.24 (no
adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=3186739620
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3186739620
VEstatus=SIMPJOIN esttype=JOIN prelen=6 tables=("A"@SEL$7", "A"@SEL$5",
"A"@SEL$9", "A"@SEL$11", "E"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1179023820
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1179023820
VEstatus=SIMPJOIN esttype=JOIN prelen=2 tables=("A"@SEL$5", "J"@SEL$2")
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=1421617759
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1421617759
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"JL"@SEL$1") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_02
type=FILTER
```



```

kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$_ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$_ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): Vistatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=2519426490
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2519426490
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
  kkoatVerifyEst(exit)
  kkoatVerifyEst(enter)
pass=10 id=2762020429
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2762020429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "JL"@SEL$1") est=275.00 est_nav=11.00 adjfac=1.0000
new_est=11.00
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1131
new_est=0.03
  kkoatVerifyEst(enter)
pass=10 id=3517849227
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$11") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=0.1619 new_est=0.04
  kkoatVerifyIdxAcc(exit): Vistatus=success est=0.25 adjfac=0.1619
new_est=0.04
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER

```

```
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2334384011
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2334384011
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$9") est=221.03 est_nav=8.84 adjfac=38.5691
new_est=341.00
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
kkoatVerifyEst(enter)
pass=10 id=2373359362
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2373359362
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
kkoatVerifyEst(exit)
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=SCAN
kkoatVerifyIdxAccDerive(enter) table=A index=WRI$_ADV_PARAMETERS_PK
type=SCAN
kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=101.2118 new_est=25.00
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=101.2118
new_est=25.00
kkoatVerifyIdxAcc(enter)
table=A index=WRI$_ADV_PARAMETERS_PK estType=FILTER
kkoatVerifyIdxAccReUse(enter): table=A index=WRI$_ADV_PARAMETERS_PK
type=FILTER
kkoatVerifyIdxAccReUse(exit): est=0.25 adjfac=0.1131 new_est=0.03
kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=0.1131
new_est=0.03
kkoatVerifyEst(enter)
pass=10 id=2177446557
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2177446557
VEstatus=EXISTS esttype=JOIN prelen=3 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11") est=11.00 est_nav=11.00 adjfac=25.0000 new_est=275.00
kkoatVerifyEst(exit)
kkoatVerifyEst(enter)
pass=10 id=2420040496
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2420040496
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "JL"@SEL$1") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=E index=WRI$ADV_EXECS_IDX_03 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=E index=WRI$ADV_EXECS_IDX_03
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
pass=10 id=3517849227
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=3517849227
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "E"@SEL$5") est=275.00 est_nav=11.00 (no adjustment)
  kkoatVerifyEst(exit)
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
pass=10 id=1992404078
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1992404078
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9") est=7.35 est_nav=0.29 adjfac=38.5691
new_est=11.34
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_PARAMETERS_PK
type=SCAN
  kkoatVerifyIdxAccDerive(exit): est=0.25 adjfac=4.0485 new_est=1.00
  kkoatVerifyIdxAcc(exit): VIstatus=success est=0.25 adjfac=4.0485
new_est=1.00
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_PARAMETERS_PK estType=FILTER
  kkoatVerifyIdxAccReUse(enter): table=A index=WRI$ADV_PARAMETERS_PK
type=FILTER
  kkoatVerifyIdxAccReUse(exit): est=0.25 est= kkoatVerifyIdxAcc(exit):
VIstatus=success est=0.25 (no adjustment)
  kkoatVerifyEst(enter)
  pass=10 id=2031379429
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=2031379429
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$5", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7") est=221.03 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
  kkoatVerifyEst(enter)
  pass=10 id=217916377
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=217916377
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$9", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=10 id=993981341
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=993981341
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
  pass=10 id=1236575280
```

```
kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1236575280
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$9", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 adjfac=38.5691
new_est=341.00
  kkoatVerifyEst(exit)
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=SCAN
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=SCAN
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_PK estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_PK
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyIdxAcc(enter)
table=A index=WRI$ADV_TASKS_IDX_02 estType=FILTER
  kkoatVerifyIdxAccDerive(enter) table=A index=WRI$ADV_TASKS_IDX_02
type=FILTER
  kkoatVerifyIdxAcc(exit): VIstatus=NLPREDS
    kkoatVerifyEst(enter)
pass=10 id=256891728
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=256891728
VEstatus=EXISTS esttype=JOIN prelen=2 tables=("A"@SEL$7", "A"@SEL$5")
est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=1032956692
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1032956692
VEstatus=SIMPJOIN esttype=JOIN prelen=3 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2")
  kkoatVerifyEst(exit)
    kkoatVerifyEst(enter)
pass=10 id=1275550631
  kkoatVerifyEst: complete, qbName=SEL$E6BC9F71 pass=10 id=1275550631
VEstatus=EXISTS esttype=JOIN prelen=4 tables=("A"@SEL$7", "A"@SEL$5",
"J"@SEL$2", "JL"@SEL$1") est=8.84 est_nav=8.84 (no adjustment)
  kkoatVerifyEst(exit)
    kkoatSaveJoinOrder(enter): qbCtxP=0x0000000016E8AB58
jop=0x0000000027617FD8
  kkoatSaveJoinOrder(exit)
    kkoatStatsCollect(enter): qbcP=0x000000001E5FF120
  kkoatStatsCollectTab(enter): froP=0x000000001E560CB0
kkoatStatsCollectTab: skip fro=000000001E560CB0
  kkoatStatsCollectTab(enter): froP=0x000000001E561860
kkoatStatsCollectTab: skip fro=000000001E561860
  kkoatStatsCollectTab(enter): froP=0x000000001F06A660
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F06A660
  kkoatTabStatsVerify(exit): statState=STALE
  kkoatStatsCollectTab(exit)
    kkoatStatsCollectTab(enter): froP=0x000000001F068670
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F068670
```

```
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001F066698
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F16998 froP=0x000000001F066698
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001F061EE8
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F17D70 froP=0x000000001F061EE8
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
  kkoatStatsCollectTab(enter): froP=0x000000001F0621E0
  kkoatTabStatsVerify(enter): atCtxP=0x00000000183EC810
lobjCtxP=0x0000000012F181A8 froP=0x000000001F0621E0
kkoatTabStatsVerify(exit): statState=STALE
kkoatStatsCollectTab(exit)
kkoatStatsCollect(exit)
  end kestsDoRounds() round error=0 msg=
  kestsFinalRound(): enter
kestsacNewStatFinding(enter): stat=STALE own=SYS nam=WRI$_ADV_PARAMETERS
i=0 c=0
kestsacNewStatFinding(exit)
  kestsDumpFinding(): dump finding structure
  find=(@=0x00000000232100B0, typ=STALE STAT, sz=248, plid=0,
nxt=0x0000000000000000)
  kestsDumpMsg(): dump message
  msg=(@=0x00000000232100B8, fac=SMG, cod=1024, p1=SYS,
p2=WRI$_ADV_PARAMETERS)
  kestsDumpMsg(): dump message
  msg=(@=0x0000000023210118, fac=SMG, cod=1026)
  stat(@=0x00000000232100B0, SYS.WRI$_ADV_PARAMETERS ind=0 stale=1
cas=0)
kestsacNewStatFinding(enter): stat=STALE own=SYS nam=WRI$_ADV_TASKS i=0
c=0
kestsacNewStatFinding(exit)
  kestsDumpFinding(): dump finding structure
  find=(@=0x00000000232101C8, typ=STALE STAT, sz=248, plid=0,
nxt=0x00000000232100B0)
  kestsDumpMsg(): dump message
  msg=(@=0x00000000232101D0, fac=SMG, cod=1024, p1=SYS,
p2=WRI$_ADV_TASKS)
  kestsDumpMsg(): dump message
  msg=(@=0x0000000023210230, fac=SMG, cod=1026)
  stat(@=0x00000000232101C8, SYS.WRI$_ADV_TASKS ind=0 stale=1 cas=0)
kestsacNewStatFinding(enter): stat=STALE own=SYS nam=WRI$_ADV_EXECUTIONS
i=0 c=0
kestsacNewStatFinding(exit)
  kestsDumpFinding(): dump finding structure
  find=(@=0x00000000232102D8, typ=STALE STAT, sz=248, plid=0,
nxt=0x00000000232101C8)
  kestsDumpMsg(): dump message
  msg=(@=0x00000000232102E0, fac=SMG, cod=1024, p1=SYS,
p2=WRI$_ADV_EXECUTIONS)
```

```
kestsDumpMsg(): dump message
msg=(@=0x0000000023210340, fac=SMG, cod=1026)
stat(@=0x00000000232102D8, SYS.WRI$_ADV_EXECUTIONS ind=0 stale=1
cas=0)
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
JOIN, ("J"@"SEL$2", "A"@"SEL$9", "A"@"SEL$7", "A"@"SEL$5"),
SCALE_ROWS=47.98635612)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000027C300B0, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8D760)
kestsDumpMsg(): dump message
msg=(@=0x0000000027C30118, fac=SMG, cod=1008)
hint(@=0x0000000027C301C0, txt=OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN,
("J"@"SEL$2", "A"@"SEL$9", "A"@"SEL$7", "A"@"SEL$5"),
SCALE_ROWS=47.98635612))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
TABLE, "A"@"SEL$11", SCALE_ROWS=0.1131059246)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000027C30248, typ=HINT, sz=272, plid=0,
nxt=0x0000000027C300B0)
kestsDumpMsg(): dump message
msg=(@=0x0000000027C302B0, fac=SMG, cod=1008)
hint(@=0x0000000027C30358, txt=OPT_ESTIMATE(@"SEL$E6BC9F71", TABLE,
"A"@"SEL$11", SCALE_ROWS=0.1131059246))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
INDEX_SKIP_SCAN, "A"@"SEL$11", "WRI$_ADV_PARAMETERS_PK",
SCALE_ROWS=0.1131059246)
kestsDumpFinding(): dump finding structure
find=(@=0x00000000279100B0, typ=HINT, sz=272, plid=0,
nxt=0x0000000027C30248)
kestsDumpMsg(): dump message
msg=(@=0x0000000027910118, fac=SMG, cod=1008)
hint(@=0x00000000279101C0, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
INDEX_SKIP_SCAN, "A"@"SEL$11", "WRI$_ADV_PARAMETERS_PK",
SCALE_ROWS=0.1131059246))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
JOIN, ("JL"@"SEL$1", "J"@"SEL$2", "E"@"SEL$5", "A"@"SEL$5"), SCALE_ROWS=1)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000027910240, typ=HINT, sz=272, plid=0,
nxt=0x00000000279100B0)
kestsDumpMsg(): dump message
msg=(@=0x00000000279102A8, fac=SMG, cod=1008)
hint(@=0x0000000027910350, txt=OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN,
("JL"@"SEL$1", "J"@"SEL$2", "E"@"SEL$5", "A"@"SEL$5"), SCALE_ROWS=1))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
JOIN, ("JL"@"SEL$1", "J"@"SEL$2", "A"@"SEL$11", "A"@"SEL$7", "A"@"SEL$5"),
SCALE_ROWS=1.244165171)
kestsDumpFinding(): dump finding structure
find=(@=0x00000000217E00B0, typ=HINT, sz=272, plid=0,
nxt=0x0000000027910240)
```

```
kestsDumpMsg(): dump message
msg=(@=0x00000000217E0118, fac=SMG, cod=1008)
hint(@=0x00000000217E01C0, txt=OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN,
("JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "A"@SEL$7", "A"@SEL$5"),
SCALE_ROWS=1.244165171))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
INDEX_FILTER, "A"@SEL$11, "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=0.1131059246)
kestsDumpFinding(): dump finding structure
find=(@=0x00000000C880F20, typ=HINT, sz=272, plid=0,
nxt=0x00000000217E00B0)
kestsDumpMsg(): dump message
msg=(@=0x00000000C880F88, fac=SMG, cod=1008)
hint(@=0x00000000C881030, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
INDEX_FILTER, "A"@SEL$11, "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=0.1131059246))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
JOIN, ("JL"@SEL$1", "J"@SEL$2", "A"@SEL$9", "E"@SEL$5", "A"@SEL$5"),
SCALE_ROWS=38.56912029)
kestsDumpFinding(): dump finding structure
find=(@=0x00000000C8810B0, typ=HINT, sz=272, plid=0,
nxt=0x00000000C880F20)
kestsDumpMsg(): dump message
msg=(@=0x00000000C881118, fac=SMG, cod=1008)
hint(@=0x00000000C8811C0, txt=OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN,
("JL"@SEL$1", "J"@SEL$2", "A"@SEL$9", "E"@SEL$5", "A"@SEL$5"),
SCALE_ROWS=38.56912029))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
JOIN, ("J"@SEL$2", "A"@SEL$11", "A"@SEL$5"), SCALE_ROWS=25)
kestsDumpFinding(): dump finding structure
find=(@=0x00000000C880AC8, typ=HINT, sz=272, plid=0,
nxt=0x00000000C8810B0)
kestsDumpMsg(): dump message
msg=(@=0x00000000C880B30, fac=SMG, cod=1008)
hint(@=0x00000000C880BD8, txt=OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN,
("J"@SEL$2", "A"@SEL$11", "A"@SEL$5"), SCALE_ROWS=25))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
JOIN, ("JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "A"@SEL$9", "E"@SEL$5",
"A"@SEL$5"), SCALE_ROWS=38.56912029)
kestsDumpFinding(): dump finding structure
find=(@=0x00000000C880C48, typ=HINT, sz=272, plid=0,
nxt=0x00000000C880AC8)
kestsDumpMsg(): dump message
msg=(@=0x00000000C880CB0, fac=SMG, cod=1008)
hint(@=0x00000000C880D58, txt=OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN,
("JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "A"@SEL$9", "E"@SEL$5",
"A"@SEL$5"), SCALE_ROWS=38.56912029))
kestsNewHintFinding(): exit
```



```
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
JOIN, ("J"@SEL$2, "A"@SEL$11, "A"@SEL$7, "E"@SEL$5, "A"@SEL$5"),
SCALE_ROWS=31.10412926)
kestsDumpFinding(): dump finding structure
find=(@=0x00000000C880670, typ=HINT, sz=272, plid=0,
nxt=0x00000000C880C48)
kestsDumpMsg(): dump message
msg=(@=0x00000000C8806D8, fac=SMG, cod=1008)
hint(@=0x00000000C880780, txt=OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN,
("J"@SEL$2, "A"@SEL$11, "A"@SEL$7, "E"@SEL$5, "A"@SEL$5"),
SCALE_ROWS=31.10412926))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
JOIN, ("J"@SEL$2, "A"@SEL$9, "E"@SEL$5, "A"@SEL$5"),
SCALE_ROWS=38.56912029)
kestsDumpFinding(): dump finding structure
find=(@=0x00000000C880810, typ=HINT, sz=272, plid=0,
nxt=0x00000000C880670)
kestsDumpMsg(): dump message
msg=(@=0x00000000C880878, fac=SMG, cod=1008)
hint(@=0x00000000C880920, txt=OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN,
("J"@SEL$2, "A"@SEL$9, "E"@SEL$5, "A"@SEL$5"),
SCALE_ROWS=38.56912029))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("A"@SEL$5), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.048473968)
kestsDumpFinding(): dump finding structure
find=(@=0x00000001E57EBC0, typ=HINT, sz=272, plid=0,
nxt=0x00000000C880810)
kestsDumpMsg(): dump message
msg=(@=0x00000001E57EC28, fac=SMG, cod=1008)
hint(@=0x00000001E57ECD0, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("A"@SEL$5), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.048473968))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("A"@SEL$9, "A"@SEL$5),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.948134849)
kestsDumpFinding(): dump finding structure
find=(@=0x00000001E57ED60, typ=HINT, sz=272, plid=0,
nxt=0x00000001E57EBC0)
kestsDumpMsg(): dump message
msg=(@=0x00000001E57EDC8, fac=SMG, cod=1008)
hint(@=0x00000001E57EE70, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("A"@SEL$9, "A"@SEL$5),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.948134849))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("A"@SEL$7, "A"@SEL$5),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.948134849)
kestsDumpFinding(): dump finding structure
find=(@=0x00000001E57E768, typ=HINT, sz=272, plid=0,
nxt=0x00000001E57ED60)
```

```
kestsDumpMsg(): dump message
msg=(@=0x000000001E57E7D0, fac=SMG, cod=1008)
hint(@=0x000000001E57E878, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("A"@SEL$7, "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.948134849))
  kestsNewHintFinding(): exit
  kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("J"@SEL$2, "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=101.2118492)
  kestsDumpFinding(): dump finding structure
  find=(@=0x000000001E57E918, typ=HINT, sz=272, plid=0,
nxt=0x000000001E57E768)
  kestsDumpMsg(): dump message
  msg=(@=0x000000001E57E980, fac=SMG, cod=1008)
  hint(@=0x000000001E57EA28, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("J"@SEL$2, "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=101.2118492))
  kestsNewHintFinding(): exit
  kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("J"@SEL$2, "A"@SEL$9, "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.948134849)
  kestsDumpFinding(): dump finding structure
  find=(@=0x000000001E57E310, typ=HINT, sz=272, plid=0,
nxt=0x000000001E57E918)
  kestsDumpMsg(): dump message
  msg=(@=0x000000001E57E378, fac=SMG, cod=1008)
  hint(@=0x000000001E57E420, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("J"@SEL$2, "A"@SEL$9, "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.948134849))
  kestsNewHintFinding(): exit
  kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("A"@SEL$9, "E"@SEL$5, "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.948134849)
  kestsDumpFinding(): dump finding structure
  find=(@=0x000000001E57E4C8, typ=HINT, sz=272, plid=0,
nxt=0x000000001E57E310)
  kestsDumpMsg(): dump message
  msg=(@=0x000000001E57E530, fac=SMG, cod=1008)
  hint(@=0x000000001E57E5D8, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("A"@SEL$9, "E"@SEL$5, "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.948134849))
  kestsNewHintFinding(): exit
  kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("JL"@SEL$1, "A"@SEL$9, "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.948134849)
  kestsDumpFinding(): dump finding structure
  find=(@=0x000000001E57DEB8, typ=HINT, sz=272, plid=0,
nxt=0x000000001E57E4C8)
  kestsDumpMsg(): dump message
  msg=(@=0x000000001E57DF20, fac=SMG, cod=1008)
  hint(@=0x000000001E57DFC8, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("JL"@SEL$1, "A"@SEL$9, "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.948134849))
  kestsNewHintFinding(): exit
```

```
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
TABLE, "A"@SEL$5", SCALE_ROWS=100)
kestsDumpFinding(): dump finding structure
find=(@=0x000000001E57E070, typ=HINT, sz=272, plid=0,
nxt=0x000000001E57DEB8)
kestsDumpMsg(): dump message
msg=(@=0x000000001E57E0D8, fac=SMG, cod=1008)
hint(@=0x000000001E57E180, txt=OPT_ESTIMATE(@"SEL$E6BC9F71", TABLE,
"A"@SEL$5", SCALE_ROWS=100))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11", ("A"@SEL$9", "A"@SEL$7", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=6.361887664)
kestsDumpFinding(): dump finding structure
find=(@=0x000000001E57DA60, typ=HINT, sz=272, plid=0,
nxt=0x000000001E57E070)
kestsDumpMsg(): dump message
msg=(@=0x000000001E57DAC8, fac=SMG, cod=1008)
hint(@=0x000000001E57DB70, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11", ("A"@SEL$9", "A"@SEL$7", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=6.361887664))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11", ("JL"@SEL$1", "J"@SEL$2", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
kestsDumpFinding(): dump finding structure
find=(@=0x000000001E57DC18, typ=HINT, sz=272, plid=0,
nxt=0x000000001E57DA60)
kestsDumpMsg(): dump message
msg=(@=0x000000001E57DC80, fac=SMG, cod=1008)
hint(@=0x000000001E57DD28, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11", ("JL"@SEL$1", "J"@SEL$2", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11", ("JL"@SEL$1", "E"@SEL$5", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
kestsDumpFinding(): dump finding structure
find=(@=0x000000001E57D608, typ=HINT, sz=272, plid=0,
nxt=0x000000001E57DC18)
kestsDumpMsg(): dump message
msg=(@=0x000000001E57D670, fac=SMG, cod=1008)
hint(@=0x000000001E57D718, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11", ("JL"@SEL$1", "E"@SEL$5", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11", ("J"@SEL$2", "E"@SEL$5", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
kestsDumpFinding(): dump finding structure
find=(@=0x000000001E57D7C0, typ=HINT, sz=272, plid=0,
nxt=0x000000001E57D608)
kestsDumpMsg(): dump message
msg=(@=0x000000001E57D828, fac=SMG, cod=1008)
```

```
hint(@=0x000000001E57D8D0, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("J"@SEL$2, "E"@SEL$5, "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
JOIN, ("JL"@SEL$1, "J"@SEL$2, "A"@SEL$9, "A"@SEL$5"),
SCALE_ROWS=38.56912029)
kestsDumpFinding(): dump finding structure
find=(@=0x000000001E57D1B0, typ=HINT, sz=272, plid=0,
nxt=0x000000001E57D7C0)
kestsDumpMsg(): dump message
msg=(@=0x000000001E57D218, fac=SMG, cod=1008)
hint(@=0x000000001E57D2C0, txt=OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN,
("JL"@SEL$1, "J"@SEL$2, "A"@SEL$9, "A"@SEL$5"),
SCALE_ROWS=38.56912029))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
JOIN, ("J"@SEL$2, "E"@SEL$5, "A"@SEL$5"), SCALE_ROWS=25)
kestsDumpFinding(): dump finding structure
find=(@=0x000000001E57D348, typ=HINT, sz=272, plid=0,
nxt=0x000000001E57D1B0)
kestsDumpMsg(): dump message
msg=(@=0x000000001E57D3B0, fac=SMG, cod=1008)
hint(@=0x000000001E57D458, txt=OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN,
("J"@SEL$2, "E"@SEL$5, "A"@SEL$5"), SCALE_ROWS=25))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("JL"@SEL$1, "J"@SEL$2, "A"@SEL$9,
"A"@SEL$5"), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=0.1305959344)
kestsDumpFinding(): dump finding structure
find=(@=0x000000001E57CD58, typ=HINT, sz=272, plid=0,
nxt=0x000000001E57D348)
kestsDumpMsg(): dump message
msg=(@=0x000000001E57CDC0, fac=SMG, cod=1008)
hint(@=0x000000001E57CE68, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("JL"@SEL$1, "J"@SEL$2, "A"@SEL$9,
"A"@SEL$5"), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=0.1305959344))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("A"@SEL$9, "A"@SEL$7, "E"@SEL$5,
"A"@SEL$5"), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=6.361887664)
kestsDumpFinding(): dump finding structure
find=(@=0x000000001E57CF20, typ=HINT, sz=272, plid=0,
nxt=0x000000001E57CD58)
kestsDumpMsg(): dump message
msg=(@=0x000000001E57CF88, fac=SMG, cod=1008)
hint(@=0x000000001E57D030, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("A"@SEL$9, "A"@SEL$7, "E"@SEL$5,
"A"@SEL$5"), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=6.361887664))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("JL"@SEL$1, "A"@SEL$9, "E"@SEL$5",
"A"@SEL$5"), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.948134849)
kestsDumpFinding(): dump finding structure
```

```
find=(@=0x000000001E57C900, typ=HINT, sz=272, plid=0,
nxt=0x000000001E57CF20)
    kestsDumpMsg(): dump message
    msg=(@=0x000000001E57C968, fac=SMG, cod=1008)
    hint(@=0x000000001E57CA10, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("JL"@SEL$1, "A"@SEL$9, "E"@SEL$5",
"A"@SEL$5), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.948134849))
    kestsNewHintFinding(): exit
    kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("JL"@SEL$1, "J"@SEL$2, "E"@SEL$5",
"A"@SEL$5), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
    kestsDumpFinding(): dump finding structure
    find=(@=0x000000001E57CAC8, typ=HINT, sz=272, plid=0,
nxt=0x000000001E57C900)
    kestsDumpMsg(): dump message
    msg=(@=0x000000001E57CB30, fac=SMG, cod=1008)
    hint(@=0x000000001E57CBD8, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("JL"@SEL$1, "J"@SEL$2, "E"@SEL$5",
"A"@SEL$5), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968))
    kestsNewHintFinding(): exit
    kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("JL"@SEL$1, "A"@SEL$9, "A"@SEL$7",
"A"@SEL$5), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=44.53321364)
    kestsDumpFinding(): dump finding structure
    find=(@=0x000000001E57C4A8, typ=HINT, sz=272, plid=0,
nxt=0x000000001E57CAC8)
    kestsDumpMsg(): dump message
    msg=(@=0x000000001E57C510, fac=SMG, cod=1008)
    hint(@=0x000000001E57C5B8, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("JL"@SEL$1, "A"@SEL$9, "A"@SEL$7",
"A"@SEL$5), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=44.53321364))
    kestsNewHintFinding(): exit
    kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("J"@SEL$2, "A"@SEL$9, "A"@SEL$7",
"E"@SEL$5, "A"@SEL$5), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=0.1625299768)
    kestsDumpFinding(): dump finding structure
    find=(@=0x000000001E57C670, typ=HINT, sz=272, plid=0,
nxt=0x000000001E57C4A8)
    kestsDumpMsg(): dump message
    msg=(@=0x000000001E57C6D8, fac=SMG, cod=1008)
    hint(@=0x000000001E57C780, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("J"@SEL$2, "A"@SEL$9, "A"@SEL$7",
"E"@SEL$5, "A"@SEL$5), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=0.1625299768))
    kestsNewHintFinding(): exit
    kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("JL"@SEL$1, "J"@SEL$2, "A"@SEL$9",
"E"@SEL$5, "A"@SEL$5), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=0.1305959344)
    kestsDumpFinding(): dump finding structure
    find=(@=0x000000001E57FC40, typ=HINT, sz=272, plid=0,
nxt=0x000000001E57C670)
    kestsDumpMsg(): dump message
```

```
msg=(@=0x000000001E5FFCA8, fac=SMG, cod=1008)
hint(@=0x000000001E5FFD50, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("JL"@SEL$1, "J"@SEL$2, "A"@SEL$9",
"E"@SEL$5, "A"@SEL$5), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=0.1305959344)
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("JL"@SEL$1, "J"@SEL$2, "A"@SEL$9",
"A"@SEL$7, "A"@SEL$5), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=0.1305959344)
kestsDumpFinding(): dump finding structure
find=(@=0x000000001E5FFE18, typ=HINT, sz=272, plid=0,
nxt=0x000000001E5FFC40)
kestsDumpMsg(): dump message
msg=(@=0x000000001E5FFE80, fac=SMG, cod=1008)
hint(@=0x000000001E5FFF28, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("JL"@SEL$1, "J"@SEL$2, "A"@SEL$9",
"A"@SEL$7, "A"@SEL$5), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=0.1305959344)
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("JL"@SEL$1, "A"@SEL$9, "A"@SEL$7",
"E"@SEL$5, "A"@SEL$5), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=6.361887664)
kestsDumpFinding(): dump finding structure
find=(@=0x000000001E5FF7E8, typ=HINT, sz=272, plid=0,
nxt=0x000000001E5FFE18)
kestsDumpMsg(): dump message
msg=(@=0x000000001E5FF850, fac=SMG, cod=1008)
hint(@=0x000000001E5FF8F8, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("JL"@SEL$1, "A"@SEL$9, "A"@SEL$7",
"E"@SEL$5, "A"@SEL$5), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=6.361887664)
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("JL"@SEL$1, "J"@SEL$2, "A"@SEL$9",
"A"@SEL$7, "E"@SEL$5, "A"@SEL$5), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=44.53321364)
kestsDumpFinding(): dump finding structure
find=(@=0x000000001E5FF9C0, typ=HINT, sz=272, plid=0,
nxt=0x000000001E5FF7E8)
kestsDumpMsg(): dump message
msg=(@=0x000000001E5FFA28, fac=SMG, cod=1008)
hint(@=0x000000001E5FFAD0, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$11, ("JL"@SEL$1, "J"@SEL$2, "A"@SEL$9",
"A"@SEL$7, "E"@SEL$5, "A"@SEL$5), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=44.53321364)
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
JOIN, ("A"@SEL$11, "A"@SEL$9, "A"@SEL$7, "A"@SEL$5),
SCALE_ROWS=46.53369145)
kestsDumpFinding(): dump finding structure
find=(@=0x000000001E5FF390, typ=HINT, sz=272, plid=0,
nxt=0x000000001E5FF9C0)
```

```
kestsDumpMsg(): dump message
msg=(@=0x000000001E5FF3F8, fac=SMG, cod=1008)
hint(@=0x000000001E5FF4A0, txt=OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN,
("A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "A"@SEL$5"),
SCALE_ROWS=46.53369145))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
JOIN, ("JL"@SEL$1", "J"@SEL$2", "A"@SEL$5"), SCALE_ROWS=25)
kestsDumpFinding(): dump finding structure
find=(@=0x000000001E5FF528, typ=HINT, sz=272, plid=0,
nxt=0x000000001E5FF390)
kestsDumpMsg(): dump message
msg=(@=0x000000001E5FF590, fac=SMG, cod=1008)
hint(@=0x000000001E5FF638, txt=OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN,
("JL"@SEL$1", "J"@SEL$2", "A"@SEL$5"), SCALE_ROWS=25))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7", ("A"@SEL$11", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
kestsDumpFinding(): dump finding structure
find=(@=0x000000001E5FEF38, typ=HINT, sz=272, plid=0,
nxt=0x000000001E5FF528)
kestsDumpMsg(): dump message
msg=(@=0x000000001E5FEFA0, fac=SMG, cod=1008)
hint(@=0x000000001E5FF048, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7", ("A"@SEL$11", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7", ("A"@SEL$11", "A"@SEL$9", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=44.53321364)
kestsDumpFinding(): dump finding structure
find=(@=0x000000001E5FF0E8, typ=HINT, sz=272, plid=0,
nxt=0x000000001E5FEF38)
kestsDumpMsg(): dump message
msg=(@=0x000000001E5FF150, fac=SMG, cod=1008)
hint(@=0x000000001E5FF1F8, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7", ("A"@SEL$11", "A"@SEL$9", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=44.53321364))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7", ("J"@SEL$2", "A"@SEL$9", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.948134849)
kestsDumpFinding(): dump finding structure
find=(@=0x000000001E5FEAE0, typ=HINT, sz=272, plid=0,
nxt=0x000000001E5FF0E8)
kestsDumpMsg(): dump message
msg=(@=0x000000001E5FEB48, fac=SMG, cod=1008)
hint(@=0x000000001E5FEBF0, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7", ("J"@SEL$2", "A"@SEL$9", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.948134849))
kestsNewHintFinding(): exit
```

```
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7, ("A"@SEL$9, "E"@SEL$5, "A"@SEL$5),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.948134849)
kestsDumpFinding(): dump finding structure
find=(@=0x000000001E5FEC98, typ=HINT, sz=272, plid=0,
nxt=0x000000001E5FEAE0)
kestsDumpMsg(): dump message
msg=(@=0x000000001E5FED00, fac=SMG, cod=1008)
hint(@=0x000000001E5FEDA8, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7, ("A"@SEL$9, "E"@SEL$5, "A"@SEL$5),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.948134849))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7, ("JL"@SEL$1, "J"@SEL$2, "A"@SEL$5),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=0.1619389587)
kestsDumpFinding(): dump finding structure
find=(@=0x000000001E5FE688, typ=HINT, sz=272, plid=0,
nxt=0x000000001E5FEC98)
kestsDumpMsg(): dump message
msg=(@=0x000000001E5FE6F0, fac=SMG, cod=1008)
hint(@=0x000000001E5FE798, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7, ("JL"@SEL$1, "J"@SEL$2, "A"@SEL$5),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=0.1619389587))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7, ("A"@SEL$9, "A"@SEL$5),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=44.53321364)
kestsDumpFinding(): dump finding structure
find=(@=0x000000001E5FE840, typ=HINT, sz=272, plid=0,
nxt=0x000000001E5FE688)
kestsDumpMsg(): dump message
msg=(@=0x000000001E5FE8A8, fac=SMG, cod=1008)
hint(@=0x000000001E5FE950, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7, ("A"@SEL$9, "A"@SEL$5),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=44.53321364))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7, ("J"@SEL$2, "E"@SEL$5, "A"@SEL$5),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
kestsDumpFinding(): dump finding structure
find=(@=0x000000001E5FE230, typ=HINT, sz=272, plid=0,
nxt=0x000000001E5FE840)
kestsDumpMsg(): dump message
msg=(@=0x000000001E5FE298, fac=SMG, cod=1008)
hint(@=0x000000001E5FE340, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7, ("J"@SEL$2, "E"@SEL$5, "A"@SEL$5),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7, ("J"@SEL$2, "A"@SEL$11, "A"@SEL$5),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
kestsDumpFinding(): dump finding structure
find=(@=0x000000001E5FE3E8, typ=HINT, sz=272, plid=0,
nxt=0x000000001E5FE230)
```



```
kestsDumpMsg(): dump message
msg=(@=0x000000001E5FE450, fac=SMG, cod=1008)
hint(@=0x000000001E5FE4F8, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7", ("J"@SEL$2", "A"@SEL$11", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968))
  kestsNewHintFinding(): exit
  kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7", ("A"@SEL$11", "E"@SEL$5", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
  kestsDumpFinding(): dump finding structure
  find=(@=0x000000001E5FDD8, typ=HINT, sz=272, plid=0,
nxt=0x000000001E5FE3E8)
  kestsDumpMsg(): dump message
  msg=(@=0x000000001E5FDE40, fac=SMG, cod=1008)
  hint(@=0x000000001E5FDEE8, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7", ("A"@SEL$11", "E"@SEL$5", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968))
  kestsNewHintFinding(): exit
  kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7", ("A"@SEL$11", "A"@SEL$9", "E"@SEL$5",
"A"@SEL$5"), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
  kestsDumpFinding(): dump finding structure
  find=(@=0x000000001E5FDF90, typ=HINT, sz=272, plid=0,
nxt=0x000000001E5FDDD8)
  kestsDumpMsg(): dump message
  msg=(@=0x000000001E5FDF8, fac=SMG, cod=1008)
  hint(@=0x000000001E5FE0A0, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7", ("A"@SEL$11", "A"@SEL$9", "E"@SEL$5",
"A"@SEL$5"), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968))
  kestsNewHintFinding(): exit
  kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7", ("JL"@SEL$1", "A"@SEL$11", "A"@SEL$9",
"A"@SEL$5"), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
  kestsDumpFinding(): dump finding structure
  find=(@=0x000000001E5FD980, typ=HINT, sz=272, plid=0,
nxt=0x000000001E5FDF90)
  kestsDumpMsg(): dump message
  msg=(@=0x000000001E5FD9E8, fac=SMG, cod=1008)
  hint(@=0x000000001E5FDA90, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7", ("JL"@SEL$1", "A"@SEL$11", "A"@SEL$9",
"A"@SEL$5"), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968))
  kestsNewHintFinding(): exit
  kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7", ("JL"@SEL$1", "J"@SEL$2", "A"@SEL$9",
"A"@SEL$5"), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=0.1305959344)
  kestsDumpFinding(): dump finding structure
  find=(@=0x000000001E5FDB48, typ=HINT, sz=272, plid=0,
nxt=0x000000001E5FD980)
  kestsDumpMsg(): dump message
  msg=(@=0x000000001E5FDBB0, fac=SMG, cod=1008)
  hint(@=0x000000001E5FDC58, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7", ("JL"@SEL$1", "J"@SEL$2", "A"@SEL$9",
"A"@SEL$5"), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=0.1305959344))
  kestsNewHintFinding(): exit
```

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kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7, ("JL"@SEL$1, "A"@SEL$9, "E"@SEL$5",
"A"@SEL$5), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.948134849)
kestsDumpFinding(): dump finding structure
find=(@=0x000000001E5FD528, typ=HINT, sz=272, plid=0,
nxt=0x000000001E5FDB48)
kestsDumpMsg(): dump message
msg=(@=0x000000001E5FD590, fac=SMG, cod=1008)
hint(@=0x000000001E5FD638, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7, ("JL"@SEL$1, "A"@SEL$9, "E"@SEL$5",
"A"@SEL$5), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.948134849))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7, ("JL"@SEL$1, "J"@SEL$2, "E"@SEL$5",
"A"@SEL$5), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
kestsDumpFinding(): dump finding structure
find=(@=0x000000001E5FD6F0, typ=HINT, sz=272, plid=0,
nxt=0x000000001E5FD528)
kestsDumpMsg(): dump message
msg=(@=0x000000001E5FD758, fac=SMG, cod=1008)
hint(@=0x000000001E5FD800, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7, ("JL"@SEL$1, "J"@SEL$2, "E"@SEL$5",
"A"@SEL$5), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
JOIN, ("J"@SEL$2, "A"@SEL$11, "A"@SEL$9, "E"@SEL$5, "A"@SEL$5),
SCALE_ROWS=4.28545781)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000027C02010, typ=HINT, sz=272, plid=0,
nxt=0x000000001E5FD6F0)
kestsDumpMsg(): dump message
msg=(@=0x0000000027C02078, fac=SMG, cod=1008)
hint(@=0x0000000027C02120, txt=OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN,
("J"@SEL$2, "A"@SEL$11, "A"@SEL$9, "E"@SEL$5, "A"@SEL$5),
SCALE_ROWS=4.28545781))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7, ("JL"@SEL$1, "J"@SEL$2, "A"@SEL$11",
"A"@SEL$5), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=0.1619389587)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000027C021B0, typ=HINT, sz=272, plid=0,
nxt=0x0000000027C02010)
kestsDumpMsg(): dump message
msg=(@=0x0000000027C02218, fac=SMG, cod=1008)
hint(@=0x0000000027C022C0, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7, ("JL"@SEL$1, "J"@SEL$2, "A"@SEL$11",
"A"@SEL$5), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=0.1619389587))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7, ("JL"@SEL$1, "A"@SEL$11, "E"@SEL$5",
"A"@SEL$5), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000027C01BB8, typ=HINT, sz=272, plid=0,
nxt=0x0000000027C021B0)
```

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kestsDumpMsg(): dump message
msg=(@=0x0000000027C01C20, fac=SMG, cod=1008)
hint(@=0x0000000027C01CC8, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7, ("JL"@SEL$1, "A"@SEL$11, "E"@SEL$5",
"A"@SEL$5), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7, ("J"@SEL$2, "A"@SEL$11, "A"@SEL$9",
"E"@SEL$5, "A"@SEL$5), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=44.53321364)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000027C01D80, typ=HINT, sz=272, plid=0,
nxt=0x0000000027C01BB8)
kestsDumpMsg(): dump message
msg=(@=0x0000000027C01DE8, fac=SMG, cod=1008)
hint(@=0x0000000027C01E90, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7, ("J"@SEL$2, "A"@SEL$11, "A"@SEL$9",
"E"@SEL$5, "A"@SEL$5), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=44.53321364))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7, ("JL"@SEL$1, "J"@SEL$2, "A"@SEL$11",
"A"@SEL$9, "A"@SEL$5), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.048473968)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000027C01760, typ=HINT, sz=272, plid=0,
nxt=0x0000000027C01D80)
kestsDumpMsg(): dump message
msg=(@=0x0000000027C017C8, fac=SMG, cod=1008)
hint(@=0x0000000027C01870, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7, ("JL"@SEL$1, "J"@SEL$2, "A"@SEL$11",
"A"@SEL$9, "A"@SEL$5), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.048473968))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7, ("JL"@SEL$1, "A"@SEL$11, "A"@SEL$9",
"E"@SEL$5, "A"@SEL$5), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.048473968)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000027C01938, typ=HINT, sz=272, plid=0,
nxt=0x0000000027C01760)
kestsDumpMsg(): dump message
msg=(@=0x0000000027C019A0, fac=SMG, cod=1008)
hint(@=0x0000000027C01A48, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$7, ("JL"@SEL$1, "A"@SEL$11, "A"@SEL$9",
"E"@SEL$5, "A"@SEL$5), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.048473968))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
JOIN, ("JL"@SEL$1, "A"@SEL$11, "A"@SEL$9, "A"@SEL$5),
SCALE_ROWS=37.40153844)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000027C01308, typ=HINT, sz=272, plid=0,
nxt=0x0000000027C01938)
```

```
kestsDumpMsg(): dump message
msg=(@=0x0000000027C01370, fac=SMG, cod=1008)
hint(@=0x0000000027C01418, txt=OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN,
("JL"@"SEL$1", "A"@"SEL$11", "A"@"SEL$9", "A"@"SEL$5"),
SCALE_ROWS=37.40153844))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@"SEL$7", ("JL"@"SEL$1", "J"@"SEL$2", "A"@"SEL$9",
"E"@"SEL$5", "A"@"SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=0.1305959344)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000027C014A0, typ=HINT, sz=272, plid=0,
nxt=0x0000000027C01308)
kestsDumpMsg(): dump message
msg=(@=0x0000000027C01508, fac=SMG, cod=1008)
hint(@=0x0000000027C015B0, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@"SEL$7", ("JL"@"SEL$1", "J"@"SEL$2", "A"@"SEL$9",
"E"@"SEL$5", "A"@"SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=0.1305959344))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@"SEL$7", ("JL"@"SEL$1", "J"@"SEL$2", "A"@"SEL$11",
"A"@"SEL$9", "E"@"SEL$5", "A"@"SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.048473968)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000027C00EB0, typ=HINT, sz=272, plid=0,
nxt=0x0000000027C014A0)
kestsDumpMsg(): dump message
msg=(@=0x0000000027C00F18, fac=SMG, cod=1008)
hint(@=0x0000000027C00FC0, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@"SEL$7", ("JL"@"SEL$1", "J"@"SEL$2", "A"@"SEL$11",
"A"@"SEL$9", "E"@"SEL$5", "A"@"SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.048473968))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
JOIN, ("J"@"SEL$2", "A"@"SEL$11", "A"@"SEL$9", "A"@"SEL$7", "A"@"SEL$5"),
SCALE_ROWS=3.392974675)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000027C01090, typ=HINT, sz=272, plid=0,
nxt=0x0000000027C00EB0)
kestsDumpMsg(): dump message
msg=(@=0x0000000027C010F8, fac=SMG, cod=1008)
hint(@=0x0000000027C011A0, txt=OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN,
("J"@"SEL$2", "A"@"SEL$11", "A"@"SEL$9", "A"@"SEL$7", "A"@"SEL$5"),
SCALE_ROWS=3.392974675))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@"SEL$9", ("A"@"SEL$7", "A"@"SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.948134849)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000027C00A58, typ=HINT, sz=272, plid=0,
nxt=0x0000000027C01090)
kestsDumpMsg(): dump message
msg=(@=0x0000000027C00AC0, fac=SMG, cod=1008)
```

```
hint(@=0x0000000027C00B68, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$9, ("A"@SEL$7, "A"@SEL$5),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.948134849))
  kestsNewHintFinding(): exit
  kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$9, ("JL"@SEL$1, "J"@SEL$2, "A"@SEL$5),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=0.1619389587)
  kestsDumpFinding(): dump finding structure
  find(@=0x0000000027C00C00, typ=HINT, sz=272, plid=0,
nxt=0x0000000027C00A58)
  kestsDumpMsg(): dump message
  msg(@=0x0000000027C00C68, fac=SMG, cod=1008)
  hint(@=0x0000000027C00D10, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$9, ("JL"@SEL$1, "J"@SEL$2, "A"@SEL$5),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=0.1619389587))
  kestsNewHintFinding(): exit
  kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$9, ("J"@SEL$2, "E"@SEL$5, "A"@SEL$5),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=0.1619389587)
  kestsDumpFinding(): dump finding structure
  find(@=0x0000000027C00600, typ=HINT, sz=272, plid=0,
nxt=0x0000000027C00C00)
  kestsDumpMsg(): dump message
  msg(@=0x0000000027C00668, fac=SMG, cod=1008)
  hint(@=0x0000000027C00710, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$9, ("J"@SEL$2, "E"@SEL$5, "A"@SEL$5),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=0.1619389587))
  kestsNewHintFinding(): exit
  kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$9, ("JL"@SEL$1, "J"@SEL$2, "E"@SEL$5",
"A"@SEL$5"), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
  kestsDumpFinding(): dump finding structure
  find(@=0x0000000027C007B8, typ=HINT, sz=272, plid=0,
nxt=0x0000000027C00600)
  kestsDumpMsg(): dump message
  msg(@=0x0000000027C00820, fac=SMG, cod=1008)
  hint(@=0x0000000027C008C8, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$9, ("JL"@SEL$1, "J"@SEL$2, "E"@SEL$5",
"A"@SEL$5"), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968))
  kestsNewHintFinding(): exit
  kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$9, ("JL"@SEL$1, "J"@SEL$2, "A"@SEL$7",
"E"@SEL$5", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.948134849)
  kestsDumpFinding(): dump finding structure
  find(@=0x0000000027C001A8, typ=HINT, sz=272, plid=0,
nxt=0x0000000027C007B8)
  kestsDumpMsg(): dump message
  msg(@=0x0000000027C00210, fac=SMG, cod=1008)
  hint(@=0x0000000027C002B8, txt=OPT_ESTIMATE(@"SEL$E6BC9F71",
NLJ_INDEX_SCAN, "A"@SEL$9, ("JL"@SEL$1, "J"@SEL$2, "A"@SEL$7",
"E"@SEL$5", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.948134849))
  kestsNewHintFinding(): exit
```

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kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
JOIN, ("J"@SEL$2, "A"@SEL$11, "A"@SEL$9, "A"@SEL$7, "E"@SEL$5",
"A"@SEL$5), SCALE_ROWS=47.98635612)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000027C00378, typ=HINT, sz=272, plid=0,
nxt=0x0000000027C001A8)
kestsDumpMsg(): dump message
msg=(@=0x0000000027C003E0, fac=SMG, cod=1008)
hint(@=0x0000000027C00488, txt=OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN,
("J"@SEL$2, "A"@SEL$11, "A"@SEL$9, "A"@SEL$7, "E"@SEL$5",
"A"@SEL$5), SCALE_ROWS=47.98635612))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
JOIN, ("A"@SEL$11, "A"@SEL$9, "E"@SEL$5, "A"@SEL$5),
SCALE_ROWS=37.40153844)
kestsDumpFinding(): dump finding structure
find=(@=0x00000000272929F0, typ=HINT, sz=272, plid=0,
nxt=0x0000000027C00378)
kestsDumpMsg(): dump message
msg=(@=0x0000000027292A58, fac=SMG, cod=1008)
hint(@=0x0000000027292B00, txt=OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN,
("A"@SEL$11, "A"@SEL$9, "E"@SEL$5, "A"@SEL$5),
SCALE_ROWS=37.40153844))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
JOIN, ("J"@SEL$2, "A"@SEL$11, "A"@SEL$9, "A"@SEL$5),
SCALE_ROWS=38.56912029)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000027292B88, typ=HINT, sz=272, plid=0,
nxt=0x00000000272929F0)
kestsDumpMsg(): dump message
msg=(@=0x0000000027292BF0, fac=SMG, cod=1008)
hint(@=0x0000000027292C98, txt=OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN,
("J"@SEL$2, "A"@SEL$11, "A"@SEL$9, "A"@SEL$5),
SCALE_ROWS=38.56912029))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$E6BC9F71",
JOIN, ("JL"@SEL$1, "J"@SEL$2, "A"@SEL$11, "A"@SEL$9, "A"@SEL$7",
"A"@SEL$5), SCALE_ROWS=47.98635612)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000027292598, typ=HINT, sz=272, plid=0,
nxt=0x0000000027292B88)
kestsDumpMsg(): dump message
msg=(@=0x0000000027292600, fac=SMG, cod=1008)
hint(@=0x00000000272926A8, txt=OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN,
("JL"@SEL$1, "J"@SEL$2, "A"@SEL$11, "A"@SEL$9, "A"@SEL$7",
"A"@SEL$5), SCALE_ROWS=47.98635612))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$CBADD118",
INDEX_FILTER, "PO"@SEL$31, "I_OBJ1", SCALE_ROWS=22.0875)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000027292748, typ=HINT, sz=272, plid=0,
nxt=0x0000000027292598)
kestsDumpMsg(): dump message
```

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msg=(@=0x00000000272927B0, fac=SMG, cod=1008)
hint(@=0x0000000027292858, txt=OPT_ESTIMATE(@"SEL$CBADD118",
INDEX_FILTER, "PO"@"SEL$31", "I_OBJ1", SCALE_ROWS=22.0875))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$31",
INDEX_FILTER, "PO"@"SEL$31", "I_OBJ1", SCALE_ROWS=22.0875)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000027292140, typ=HINT, sz=272, plid=0,
nxt=0x0000000027292748)
kestsDumpMsg(): dump message
msg=(@=0x00000000272921A8, fac=SMG, cod=1008)
hint(@=0x0000000027292250, txt=OPT_ESTIMATE(@"SEL$31", INDEX_FILTER,
"PO"@"SEL$31", "I_OBJ1", SCALE_ROWS=22.0875))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$9CF1E98E",
TABLE, "E"@"SEL$33", SCALE_ROWS=0.4427442331)
kestsDumpFinding(): dump finding structure
find=(@=0x00000000272922B8, typ=HINT, sz=272, plid=0,
nxt=0x0000000027292140)
kestsDumpMsg(): dump message
msg=(@=0x0000000027292320, fac=SMG, cod=1008)
hint(@=0x00000000272923C8, txt=OPT_ESTIMATE(@"SEL$9CF1E98E", TABLE,
"E"@"SEL$33", SCALE_ROWS=0.4427442331))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$5F9076AD",
TABLE, "E"@"SEL$35", SCALE_ROWS=0.4427442331)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000027291CE8, typ=HINT, sz=272, plid=0,
nxt=0x00000000272922B8)
kestsDumpMsg(): dump message
msg=(@=0x0000000027291D50, fac=SMG, cod=1008)
hint(@=0x0000000027291DF8, txt=OPT_ESTIMATE(@"SEL$5F9076AD", TABLE,
"E"@"SEL$35", SCALE_ROWS=0.4427442331))
kestsNewHintFinding(): exit
kestsNewHintFinding(): enter, hint=OPT_ESTIMATE(@"SEL$916FDCC7",
TABLE, "E"@"SEL$35", SCALE_ROWS=0.4427442331)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000027291E58, typ=HINT, sz=272, plid=0,
nxt=0x0000000027291CE8)
kestsDumpMsg(): dump message
msg=(@=0x0000000027291EC0, fac=SMG, cod=1008)
hint(@=0x0000000027291F68, txt=OPT_ESTIMATE(@"SEL$916FDCC7", TABLE,
"E"@"SEL$35", SCALE_ROWS=0.4427442331))
kestsNewHintFinding(): exit
captured plan, type=adjusted phv=1499986165 cost=215.077738
Dumping Hints
=====

*** 2013-01-09 23:53:51.688
captured plan, type=sql profile phv=1033803839 cost=97.072088
Dumping Hints
=====
kestsacDumpAtCtx(): dump auto-tune context

```

```
atCtx=(rnd=11, uid=0, gtm=1798, ltm=300, rtm=281, oct=3, cat=,
flg=DONE|CBO)
status=(pst=SUCCESS)
kestsDumpFinding(): dump finding structure
Finding List:
  HINT Finding(s)
    find typ=HINT
      OPT_ESTIMATE(@"SEL$916FDCC7", TABLE, "E"@"SEL$35",
SCALE_ROWS=0.4427442331)
    find typ=HINT
      OPT_ESTIMATE(@"SEL$5F9076AD", TABLE, "E"@"SEL$35",
SCALE_ROWS=0.4427442331)
    find typ=HINT
      OPT_ESTIMATE(@"SEL$9CF1E98E", TABLE, "E"@"SEL$33",
SCALE_ROWS=0.4427442331)
    find typ=HINT
      OPT_ESTIMATE(@"SEL$31", INDEX_FILTER, "PO"@"SEL$31", "I_OBJ1",
SCALE_ROWS=22.0875)
    find typ=HINT
      OPT_ESTIMATE(@"SEL$CBADD118", INDEX_FILTER, "PO"@"SEL$31",
"I_OBJ1", SCALE_ROWS=22.0875)
    find typ=HINT
      OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("JL"@"SEL$1", "J"@"SEL$2",
"A"@"SEL$11", "A"@"SEL$9", "A"@"SEL$7", "A"@"SEL$5"),
SCALE_ROWS=47.98635612)
    find typ=HINT
      OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("J"@"SEL$2", "A"@"SEL$11",
"A"@"SEL$9", "A"@"SEL$5"), SCALE_ROWS=38.56912029)
    find typ=HINT
      OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("A"@"SEL$11", "A"@"SEL$9",
"E"@"SEL$5", "A"@"SEL$5"), SCALE_ROWS=37.40153844)
    find typ=HINT
      OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("J"@"SEL$2", "A"@"SEL$11",
"A"@"SEL$9", "A"@"SEL$7", "E"@"SEL$5", "A"@"SEL$5"),
SCALE_ROWS=47.98635612)
    find typ=HINT
      OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@"SEL$9",
("JL"@"SEL$1", "J"@"SEL$2", "A"@"SEL$7", "E"@"SEL$5", "A"@"SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.948134849)
    find typ=HINT
      OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@"SEL$9",
("JL"@"SEL$1", "J"@"SEL$2", "E"@"SEL$5", "A"@"SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
    find typ=HINT
      OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@"SEL$9",
("J"@"SEL$2", "E"@"SEL$5", "A"@"SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=0.1619389587)
    find typ=HINT
      OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@"SEL$9",
("JL"@"SEL$1", "J"@"SEL$2", "A"@"SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=0.1619389587)
    find typ=HINT
```



```

OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$9",
("A"@SEL$7", "A"@SEL$5"), "WRI$_ADV_PARAMETERS_PK",
SCALE_ROWS=4.948134849)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("J"@SEL$2", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "A"@SEL$5"), SCALE_ROWS=3.392974675)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "A"@SEL$9", "E"@SEL$5",
"A"@SEL$5"), "WRI$_ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("JL"@SEL$1", "J"@SEL$2", "A"@SEL$9", "E"@SEL$5", "A"@SEL$5"),
"WRI$_ADV_PARAMETERS_PK", SCALE_ROWS=0.1305959344)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("JL"@SEL$1", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$5"), SCALE_ROWS=37.40153844)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("JL"@SEL$1", "A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "A"@SEL$5"),
"WRI$_ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "A"@SEL$9", "A"@SEL$5"),
"WRI$_ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("J"@SEL$2", "A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "A"@SEL$5"),
"WRI$_ADV_PARAMETERS_PK", SCALE_ROWS=44.53321364)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$5"),
"WRI$_ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "A"@SEL$5"),
"WRI$_ADV_PARAMETERS_PK", SCALE_ROWS=0.1619389587)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("J"@SEL$2", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$5"), SCALE_ROWS=4.28545781)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$5"),
"WRI$_ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("JL"@SEL$1", "A"@SEL$9", "E"@SEL$5", "A"@SEL$5"),
"WRI$_ADV_PARAMETERS_PK", SCALE_ROWS=4.948134849)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("JL"@SEL$1", "J"@SEL$2", "A"@SEL$9", "A"@SEL$5"),
"WRI$_ADV_PARAMETERS_PK", SCALE_ROWS=0.1305959344)
  find typ=HINT

```

```

OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("JL"@SEL$1", "A"@SEL$11", "A"@SEL$9", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("A"@SEL$11", "E"@SEL$5", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.048473968)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("J"@SEL$2", "A"@SEL$11", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.048473968)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("J"@SEL$2", "E"@SEL$5", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.048473968)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("A"@SEL$9", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=44.53321364)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("JL"@SEL$1", "J"@SEL$2", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=0.1619389587)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("A"@SEL$9", "E"@SEL$5", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.948134849)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("J"@SEL$2", "A"@SEL$9", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.948134849)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("A"@SEL$11", "A"@SEL$9", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=44.53321364)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("A"@SEL$11", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.048473968)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("JL"@SEL$1", "J"@SEL$2",
"A"@SEL$5"), SCALE_ROWS=25)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("A"@SEL$11", "A"@SEL$9",
"A"@SEL$7", "A"@SEL$5"), SCALE_ROWS=46.53369145)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("JL"@SEL$1", "J"@SEL$2", "A"@SEL$9", "A"@SEL$7", "E"@SEL$5",
"A"@SEL$5"), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=44.53321364)
  find typ=HINT

```

```

OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("JL"@SEL$1", "A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=6.361887664)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("JL"@SEL$1", "J"@SEL$2", "A"@SEL$9", "A"@SEL$7", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=0.1305959344)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("JL"@SEL$1", "J"@SEL$2", "A"@SEL$9", "E"@SEL$5", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=0.1305959344)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("J"@SEL$2", "A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=0.1625299768)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("JL"@SEL$1", "A"@SEL$9", "A"@SEL$7", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=44.53321364)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("JL"@SEL$1", "A"@SEL$9", "E"@SEL$5", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.948134849)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=6.361887664)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("JL"@SEL$1", "J"@SEL$2", "A"@SEL$9", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=0.1305959344)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("J"@SEL$2", "E"@SEL$5",
"A"@SEL$5"), SCALE_ROWS=25)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("JL"@SEL$1", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$5"), SCALE_ROWS=38.56912029)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("J"@SEL$2", "E"@SEL$5", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.048473968)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("JL"@SEL$1", "E"@SEL$5", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.048473968)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("JL"@SEL$1", "J"@SEL$2", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.048473968)
  find typ=HINT

```

```

OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("A"@SEL$9", "A"@SEL$7", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=6.361887664)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", TABLE, "A"@SEL$5", SCALE_ROWS=100)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("JL"@SEL$1", "A"@SEL$9", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.948134849)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("A"@SEL$9", "E"@SEL$5", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.948134849)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("J"@SEL$2", "A"@SEL$9", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.948134849)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("J"@SEL$2", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=101.2118492)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("A"@SEL$7", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.948134849)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("A"@SEL$9", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.948134849)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("A"@SEL$5"), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("J"@SEL$2", "A"@SEL$9",
"E"@SEL$5", "A"@SEL$5"), SCALE_ROWS=38.56912029)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("J"@SEL$2", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$5"), SCALE_ROWS=31.10412926)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("JL"@SEL$1", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "A"@SEL$5"),
SCALE_ROWS=38.56912029)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("J"@SEL$2", "A"@SEL$11",
"A"@SEL$5"), SCALE_ROWS=25)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("JL"@SEL$1", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$5"), SCALE_ROWS=38.56912029)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", INDEX_FILTER, "A"@SEL$11",
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=0.1131059246)
  find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("JL"@SEL$1", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7", "A"@SEL$5"), SCALE_ROWS=1.244165171)

```



```

        COLUMN_STATS("SYS"."WRI$ADV_TASKS", "EXEC_START", scale,
length=0 distinct=0)
        find typ=HINT
        COLUMN_STATS("SYS"."WRI$ADV_TASKS", "EXEC_END", scale, length=0)
        find typ=HINT
        COLUMN_STATS("SYS"."WRI$ADV_TASKS", "STATUS", scale, length=1)
        find typ=HINT
        COLUMN_STATS("SYS"."WRI$ADV_TASKS", "REC_COUNT", scale, length=1)
        find typ=HINT
        COLUMN_STATS("SYS"."WRI$ADV_TASKS", "ADVISOR_ID", scale,
length=2 distinct=2 nulls=0 min=4 max=8)
        find typ=HINT
        COLUMN_STATS("SYS"."WRI$ADV_TASKS", "LAST_EXEC_NAME", scale,
length=8 distinct=10 nulls=1 min=360058822877813980000000000000000000
max=360058822877851980000000000000000000)
        find typ=HINT
        COLUMN_STATS("SYS"."WRI$ADV_TASKS", "PROPERTY", scale, length=2
distinct=2 nulls=0 min=4 max=52)
        find typ=HINT
        TABLE_STATS("SYS"."WRI$ADV_TASKS", scale, blocks=5 rows=11)
        find typ=HINT
        COLUMN_STATS("SYS"."WRI$ADV_PARAMETERS", "TASK_ID", scale,
length=3 distinct=11 nulls=0 min=1 max=1293)
        find typ=HINT
        COLUMN_STATS("SYS"."WRI$ADV_PARAMETERS", "VALUE", scale,
length=6 distinct=31 nulls=0)
        find typ=HINT
        COLUMN_STATS("SYS"."WRI$ADV_PARAMETERS", "NAME", scale,
length=15 distinct=63 nulls=0 min=338863546986674960000000000000000000
max=494978440874693040000000000000000000)
        find typ=HINT
        TABLE_STATS("SYS"."WRI$ADV_PARAMETERS", scale, blocks=35
rows=557)
        find typ=HINT
        ALL_ROWS
        find typ=HINT
        OPTIMIZER_FEATURES_ENABLE(default)
        find typ=HINT
        IGNORE_OPTIM_EMBEDDED_HINTS
kestsDumpFinding(): dump finding structure
Finding List:
    STALE STAT Finding(s)
        find typ=STALE STAT
        TABLE: SYS.WRI$ADV_EXECUTIONS
        find typ=STALE STAT
        TABLE: SYS.WRI$ADV_TASKS
        find typ=STALE STAT
        TABLE: SYS.WRI$ADV_PARAMETERS
Local Object List:
    lobj=(@=0000000012F16998, nxt=0000000012F181A8, own=SYS,
nam=WRI$ADV_PARAMETERS flg=)
        gobj=(@=0000000012F16910, nxt=62515E33000016A6,
objn=317817128 typ=TABLE, bown=SYS, bnam=WRI$ADV_PARAMETERS
stat=STALE blks=35 rows=557, flg=)

```











```
len=0 ndv=2 nnulls=0 min=4 max=8)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000016E8D178, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8CFA8)
kestsDumpMsg(): dump message
msg=(@=0x0000000016E8D1E0, fac=SMG, cod=1032)
hint(@=0x0000000016E8D288,
txt=COLUMN_STATS("SYS"."WRI$ _ADV_EXECUTIONS", "ADVISOR_ID", scale,
length=2 distinct=2 nnulls=0 min=4 max=8))
col=(@=0000000012F17F88, nxt=0000000012F17F00, id=2,
n=1F c=1F f=0 h=1F)
len=0 ndv=10 nnulls=0 min=627 max=1293)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000016E8D300, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8D178)
kestsDumpMsg(): dump message
msg=(@=0x0000000016E8D368, fac=SMG, cod=1032)
hint(@=0x0000000016E8D410,
txt=COLUMN_STATS("SYS"."WRI$ _ADV_EXECUTIONS", "TASK_ID", scale, length=3
distinct=10 nnulls=0 min=627 max=1293))
col=(@=0000000012F17F00, nxt=0000000012F17E78, id=11,
n=1 c=1 f=0 h=1)
len=0)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000016E8D490, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8D300)
kestsDumpMsg(): dump message
msg=(@=0x0000000016E8D4F8, fac=SMG, cod=1032)
hint(@=0x0000000016E8D5A0,
txt=COLUMN_STATS("SYS"."WRI$ _ADV_EXECUTIONS", "STATUS", scale, length=2))
col=(@=0000000012F17E78, nxt=0000000012F17DE8, id=10,
n=1 c=1 f=0 h=1)
len=0)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000016E8D5F8, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8D490)
kestsDumpMsg(): dump message
msg=(@=0x0000000016E8D660, fac=SMG, cod=1032)
hint(@=0x0000000016E8D708,
txt=COLUMN_STATS("SYS"."WRI$ _ADV_EXECUTIONS", "EXEC_END", scale,
length=7))
col=(@=0000000012F17DE8, nxt=0000000000000000, id=8, n=3
c=3 f=0 h=3)
len=0 ndv=26)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000016E8D760, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8D5F8)
kestsDumpMsg(): dump message
msg=(@=0x0000000016E8D7C8, fac=SMG, cod=1032)
hint(@=0x0000000016E8D870,
txt=COLUMN_STATS("SYS"."WRI$ _ADV_EXECUTIONS", "EXEC_START", scale,
length=7 distinct=26))
lobj=(@=0000000012F17C70, nxt=0000000012F17B70, own=SYS,
nam=SCHEDULER$_LWJOB_OBJ flg=)
```





```
msg=(@=0x0000000016E8FF08, fac=SMG, cod=1032)
hint(@=0x0000000016E8DD00,
txt=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS", "LAST_EXEC_NAME", scale,
length=8 distinct=10 nulls=1 min=360058822877813980000000000000000000
max=360058822877851980000000000000000000))
col=(@=0000000012F16768, nxt=0000000012F166D8, id=6, n=1F c=1F
f=0 h=1F
len=0 ndv=2 nnulls=0 min=4 max=8)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000016E8DDC0, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8FEA0)
kestsDumpMsg(): dump message
msg=(@=0x0000000016E8DE28, fac=SMG, cod=1032)
hint(@=0x0000000016E8DED0,
txt=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS", "ADVISOR_ID", scale, length=2
distinct=2 nulls=0 min=4 max=8))
col=(@=0000000012F166D8, nxt=0000000012F16650, id=23, n=1 c=1
f=0 h=1
len=0)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000016E8DF48, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8DDC0)
kestsDumpMsg(): dump message
msg=(@=0x0000000016E8DFB0, fac=SMG, cod=1032)
hint(@=0x0000000016E8E058,
txt=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS", "REC_COUNT", scale, length=1))
col=(@=0000000012F16650, nxt=0000000012F165C8, id=17, n=1 c=1
f=0 h=1
len=0)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000016E8E0B0, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8DF48)
kestsDumpMsg(): dump message
msg=(@=0x0000000016E8E118, fac=SMG, cod=1032)
hint(@=0x0000000016E8E1C0,
txt=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS", "STATUS", scale, length=1))
col=(@=0000000012F165C8, nxt=0000000012F16538, id=16, n=1 c=1
f=0 h=1
len=0)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000016E8E210, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8E0B0)
kestsDumpMsg(): dump message
msg=(@=0x0000000016E8E278, fac=SMG, cod=1032)
hint(@=0x0000000016E8E320,
txt=COLUMN_STATS("SYS"."WRI$ _ADV_TASKS", "EXEC_END", scale, length=0))
col=(@=0000000012F16538, nxt=0000000012F164B0, id=15, n=3 c=3
f=0 h=3
len=0 ndv=0)
kestsDumpFinding(): dump finding structure
find=(@=0x0000000016E8E378, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8E210)
kestsDumpMsg(): dump message
msg=(@=0x0000000016E8E3E0, fac=SMG, cod=1032)
```







```
find=(@=0x0000000016E8D300, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8D178)
    kestsDumpMsg(): dump message
    msg=(@=0x0000000016E8D368, fac=SMG, cod=1032)
    hint(@=0x0000000016E8D410,
txt=COLUMN_STATS("SYS"."WRI$ _ADV_EXECUTIONS", "TASK_ID", scale, length=3
distinct=10 nulls=0 min=627 max=1293))
    col=(@=0000000012F17F00, nxt=0000000012F17E78, id=11, n=1 c=1
f=0 h=1
        len=0)
    kestsDumpFinding(): dump finding structure
    find=(@=0x0000000016E8D490, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8D300)
    kestsDumpMsg(): dump message
    msg=(@=0x0000000016E8D4F8, fac=SMG, cod=1032)
    hint(@=0x0000000016E8D5A0,
txt=COLUMN_STATS("SYS"."WRI$ _ADV_EXECUTIONS", "STATUS", scale, length=2))
    col=(@=0000000012F17E78, nxt=0000000012F17DE8, id=10, n=1 c=1
f=0 h=1
        len=0)
    kestsDumpFinding(): dump finding structure
    find=(@=0x0000000016E8D5F8, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8D490)
    kestsDumpMsg(): dump message
    msg=(@=0x0000000016E8D660, fac=SMG, cod=1032)
    hint(@=0x0000000016E8D708,
txt=COLUMN_STATS("SYS"."WRI$ _ADV_EXECUTIONS", "EXEC_END", scale,
length=7))
    col=(@=0000000012F17DE8, nxt=0000000000000000, id=8, n=3 c=3
f=0 h=3
        len=0 ndv=26)
    kestsDumpFinding(): dump finding structure
    find=(@=0x0000000016E8D760, typ=HINT, sz=272, plid=0,
nxt=0x0000000016E8D5F8)
    kestsDumpMsg(): dump message
    msg=(@=0x0000000016E8D7C8, fac=SMG, cod=1032)
    hint(@=0x0000000016E8D870,
txt=COLUMN_STATS("SYS"."WRI$ _ADV_EXECUTIONS", "EXEC_START", scale,
length=7 distinct=26))
    gobj=(@=0000000012F17BE8, nxt=000000010000172D, objn=317815520
typ=TABLE, bown=SYS, bnam=SCHEDULER$_LWJOB_OBJ
    stat=OKAY blks=0 rows=0, flg=)
    gobj=(@=0000000012F17AE0, nxt=0000000100001730, objn=317815264
typ=TABLE, bown=SYS, bnam=SCHEDULER$_LIGHTWEIGHT_JOB
    stat=OKAY blks=0 rows=0, flg=)
    gobj=(@=0000000012F179E0, nxt=000000010000174F, objn=317815016
typ=TABLE, bown=SYS, bnam=SCHEDULER$_WINDOW_GROUP
    stat=OKAY blks=1 rows=4, flg=)
    gobj=(@=0000000012F178E8, nxt=0000000100001723, objn=317814776
typ=TABLE, bown=SYS, bnam=SCHEDULER$_JOB
    stat=OKAY blks=7 rows=25, flg=)
    gobj=(@=0000000012F177F8, nxt=0000000100000016, objn=317814520
typ=TABLE, bown=SYS, bnam=USER$
    stat=OKAY blks=5 rows=97, flg=)
```

```
gobj=(@=0000000012F176F8, nxt=0000000100001751, objn=317814264
typ=TABLE, bown=SYS, bnam=SCHEDULER$_WINGRP_MEMBER
stat=OKAY blks=1 rows=28, flg=)
gobj=(@=0000000012F175F8, nxt=0000000100001747, objn=317814024
typ=TABLE, bown=SYS, bnam=SCHEDULER$_EVENT_LOG
stat=OKAY blks=13 rows=194, flg=)
gobj=(@=0000000012F17508, nxt=0000000100000012, objn=317831000
typ=TABLE, bown=SYS, bnam=OBJ$_
stat=OKAY blks=930 rows=76994, flg=)
gobj=(@=0000000012F1B758, nxt=0000000100001781, objn=0 typ=TABLE,
bown=SYS, bnam=SCHEDULER$_DESTINATIONS
stat=OKAY blks=1 rows=2, flg=)
```

Query Block Context List:

```
qbCtx=(@=0000000016E8AB58, name=, pass=8, flg=DON)
```

Optimizer Estimate Context List:

```
p(JOIN jp=1, 3, 4, 6): adjcard:48
p(TABLE froNum=2): adjcard:0
p(INDEX_SKIP_SCAN indObjn=5799 froNum=2): adjcard:0
p(JOIN jp=2, 4, 6): OK
p(JOIN jp=0, 1, 5, 6): adjcard:1
p(JOIN jp=0, 3, 5, 6): OK
p(JOIN jp=0, 3, 4, 6): OK
p(TABLE froNum=4): OK
p(JOIN jp=0, 1, 2, 4, 6): adjcard:1
p(JOIN jp=0, 1, 3, 4, 6): OK
p(JOIN jp=0, 2, 3, 4, 6): OK
p(JOIN jp=1, 2, 4, 6): OK
p(JOIN jp=3, 4, 5, 6): OK
p(INDEX_FILTER indObjn=5799 froNum=2): adjcard:0
p(JOIN jp=0, 1, 3, 5, 6): adjcard:39
p(JOIN jp=0, 1, 2, 3, 6): OK
p(INDEX_FILTER indObjn=5799 froNum=4): OK
p(JOIN jp=0, 2, 4, 5, 6): OK
p(JOIN jp=1, 3, 6): OK
p(JOIN jp=1, 2, 6): adjcard:25
p(JOIN jp=0, 1, 2, 3, 5, 6): adjcard:39
p(JOIN jp=1, 2, 4, 5, 6): adjcard:31
p(JOIN jp=0, 2, 5, 6): OK
p(JOIN jp=1, 3, 5, 6): adjcard:39
p(INDEX_SCAN indObjn=5799 froNum=2 jp=6): adjcard:4
p(INDEX_SCAN indObjn=5799 froNum=2 jp=3, 6): adjcard:5
p(INDEX_SCAN indObjn=5799 froNum=2 jp=4, 6): adjcard:5
p(INDEX_SCAN indObjn=5799 froNum=2 jp=1, 6): adjcard:101
p(INDEX_SCAN indObjn=5799 froNum=2 jp=1, 3, 6): adjcard:5
p(INDEX_SCAN indObjn=5799 froNum=2 jp=3, 5, 6): adjcard:5
p(INDEX_SCAN indObjn=5799 froNum=2 jp=0, 3, 6): adjcard:5
p(TABLE froNum=6): adjcard:100
p(INDEX_SCAN indObjn=5799 froNum=2 jp=3, 4, 6): adjcard:6
p(INDEX_SCAN indObjn=5799 froNum=2 jp=0, 1, 6): adjcard:4
p(INDEX_SCAN indObjn=5799 froNum=2 jp=0, 5, 6): adjcard:4
p(INDEX_SCAN indObjn=5799 froNum=2 jp=1, 5, 6): adjcard:4
p(JOIN jp=0, 1, 3, 6): adjcard:39
p(JOIN jp=0, 3, 6): OK
p(JOIN jp=1, 5, 6): adjcard:25
```

p(INDEX\_SCAN indObjn=5799 froNum=2 jp=1, 3, 5, 6): OK  
p(INDEX\_SCAN indObjn=5799 froNum=2 jp=1, 3, 4, 6): OK  
p(INDEX\_SCAN indObjn=5799 froNum=2 jp=0, 1, 3, 6): adjcard:0  
p(INDEX\_SCAN indObjn=5799 froNum=2 jp=3, 4, 5, 6): adjcard:6  
p(INDEX\_SCAN indObjn=5799 froNum=2 jp=0, 3, 5, 6): adjcard:5  
p(INDEX\_SCAN indObjn=5799 froNum=2 jp=0, 1, 5, 6): adjcard:4  
p(INDEX\_SCAN indObjn=5799 froNum=2 jp=0, 3, 4, 6): adjcard:45  
p(INDEX\_SCAN indObjn=5799 froNum=2 jp=1, 3, 4, 5, 6): adjcard:0  
p(INDEX\_SCAN indObjn=5799 froNum=2 jp=0, 1, 3, 5, 6): adjcard:0  
p(INDEX\_SCAN indObjn=5799 froNum=2 jp=0, 1, 3, 4, 6): adjcard:0  
p(INDEX\_SCAN indObjn=5799 froNum=2 jp=0, 3, 4, 5, 6): adjcard:6  
p(JOIN jp=0, 1, 2, 3, 4, 5, 6): OK  
p(INDEX\_SCAN indObjn=5799 froNum=2 jp=0, 1, 3, 4, 5, 6):

adjcard:45

p(JOIN jp=2, 3, 4, 6): adjcard:47  
p(JOIN jp=0, 1, 6): adjcard:25  
p(JOIN jp=2, 3, 4, 5, 6): OK  
p(JOIN jp=3, 6): OK  
p(INDEX\_SCAN indObjn=5799 froNum=4 jp=2, 6): adjcard:4  
p(INDEX\_SCAN indObjn=5799 froNum=4 jp=2, 3, 6): adjcard:45  
p(INDEX\_SCAN indObjn=5799 froNum=4 jp=1, 3, 6): adjcard:5  
p(INDEX\_SCAN indObjn=5799 froNum=4 jp=3, 5, 6): adjcard:5  
p(JOIN jp=0, 3, 4, 5, 6): OK  
p(INDEX\_SCAN indObjn=5799 froNum=4 jp=0, 1, 6): adjcard:0  
p(INDEX\_SCAN indObjn=5799 froNum=4 jp=3, 6): adjcard:45  
p(INDEX\_SCAN indObjn=5799 froNum=4 jp=1, 5, 6): adjcard:4  
p(INDEX\_SKIP\_SCAN indObjn=5799 froNum=3): OK  
p(JOIN jp=3, 4, 6): OK  
p(INDEX\_SCAN indObjn=5799 froNum=4 jp=1, 2, 6): adjcard:4  
p(INDEX\_SCAN indObjn=5799 froNum=4 jp=2, 5, 6): adjcard:4  
p(INDEX\_SCAN indObjn=5799 froNum=4 jp=1, 2, 3, 6): OK  
p(INDEX\_SCAN indObjn=5799 froNum=4 jp=2, 3, 5, 6): adjcard:4  
p(INDEX\_SCAN indObjn=5799 froNum=4 jp=0, 2, 3, 6): adjcard:4  
p(INDEX\_SCAN indObjn=5799 froNum=4 jp=1, 3, 5, 6): OK  
p(INDEX\_SCAN indObjn=5799 froNum=4 jp=0, 1, 3, 6): adjcard:0  
p(INDEX\_SCAN indObjn=5799 froNum=4 jp=0, 3, 5, 6): adjcard:5  
p(INDEX\_SCAN indObjn=5799 froNum=4 jp=0, 1, 5, 6): adjcard:4  
p(JOIN jp=1, 2, 3, 5, 6): adjcard:4  
p(INDEX\_SCAN indObjn=5799 froNum=4 jp=0, 1, 2, 6): adjcard:0  
p(JOIN jp=2, 3, 6): OK  
p(INDEX\_SCAN indObjn=5799 froNum=4 jp=0, 2, 5, 6): adjcard:4  
p(INDEX\_SCAN indObjn=5799 froNum=4 jp=1, 2, 3, 5, 6):

adjcard:45

p(INDEX\_SCAN indObjn=5799 froNum=4 jp=0, 1, 2, 3, 6): adjcard:4  
p(INDEX\_SCAN indObjn=5799 froNum=4 jp=0, 2, 3, 5, 6): adjcard:4  
p(JOIN jp=0, 2, 3, 6): adjcard:37  
p(JOIN jp=0, 2, 3, 5, 6): OK  
p(INDEX\_SCAN indObjn=5799 froNum=4 jp=0, 1, 3, 5, 6): adjcard:0  
p(JOIN jp=4, 6): OK  
p(INDEX\_SCAN indObjn=5799 froNum=4 jp=0, 1, 2, 3, 5, 6):

adjcard:4

p(JOIN jp=1, 2, 3, 4, 6): adjcard:3  
p(JOIN jp=0, 6): OK  
p(JOIN jp=1, 3, 4, 5, 6): OK

p(JOIN jp=3, 5, 6): OK  
 p(INDEX\_SCAN indObjn=5799 froNum=3 jp=4, 6): adjcard:5  
 p(INDEX\_SCAN indObjn=5799 froNum=3 jp=0, 1, 6): adjcard:0  
 p(JOIN jp=2, 6): OK  
 p(INDEX\_SCAN indObjn=5799 froNum=3 jp=1, 5, 6): adjcard:0  
 p(INDEX\_SCAN indObjn=5799 froNum=3 jp=0, 1, 5, 6): adjcard:4  
 p(INDEX\_SKIP\_SCAN indObjn=5799 froNum=4): OK  
 p(INDEX\_SCAN indObjn=5799 froNum=3 jp=0, 1, 4, 5, 6): adjcard:5  
 p(JOIN jp=1, 2, 3, 4, 5, 6): adjcard:48  
 p(JOIN jp=2, 4, 5, 6): OK  
 p(JOIN jp=2, 3, 5, 6): adjcard:37  
 p(JOIN jp=2, 5, 6): OK  
 p(JOIN jp=0, 2, 3, 4, 5, 6): OK  
 p(JOIN jp=0, 4, 6): OK  
 p(JOIN jp=1, 2, 3, 6): adjcard:39  
 p(JOIN jp=1, 4, 5, 6): OK  
 p(JOIN jp=0, 1, 2, 6): OK  
 p(JOIN jp=0, 1, 4, 5, 6): OK  
 p(JOIN jp=0, 1, 4, 6): OK  
 p(JOIN jp=0, 1, 3, 4, 5, 6): OK  
 p(INDEX\_FILTER indObjn=5799 froNum=3): OK  
 p(JOIN jp=0, 5, 6): OK  
 p(JOIN jp=0, 1, 2, 5, 6): OK  
 p(JOIN jp=1, 2, 5, 6): OK  
 p(JOIN jp=0, 1, 2, 3, 4, 6): adjcard:48  
 p(JOIN jp=0, 4, 5, 6): OK  
 p(TABLE froNum=3): OK  
 qbCtx=(@=0000000012F18840, name=, pass=6, flg=DON)  
 Optimizer Estimate Context List:  
 p(INDEX\_SKIP\_SCAN indObjn=39 froNum=0): OK  
 p(INDEX\_FILTER indObjn=40 froNum=0): OK  
 p(INDEX\_SKIP\_SCAN indObjn=36 froNum=0): OK  
 p(INDEX\_FILTER indObjn=36 froNum=0): adjcard:22  
 p(TABLE froNum=0): OK  
 p(INDEX\_SCAN indObjn=46 froNum=3): OK  
 p(INDEX\_FILTER indObjn=37 froNum=0): OK  
 p(INDEX\_SKIP\_SCAN indObjn=40 froNum=0): OK  
 p(INDEX\_FILTER indObjn=39 froNum=0): OK  
 p(TABLE froNum=3): OK  
 p(INDEX\_SKIP\_SCAN indObjn=37 froNum=0): OK  
 qbCtx=(@=0000000012F1A500, name=, pass=7, flg=DON)  
 Optimizer Estimate Context List:  
 p(INDEX\_SCAN indObjn=46 froNum=4): OK  
 p(INDEX\_SKIP\_SCAN indObjn=40 froNum=5): OK  
 p(INDEX\_SKIP\_SCAN indObjn=37 froNum=5): OK  
 p(TABLE froNum=4): OK  
 p(INDEX\_FILTER indObjn=37 froNum=5): OK  
 p(INDEX\_FILTER indObjn=40 froNum=5): OK  
 p(TABLE froNum=5): OK  
 p(TABLE froNum=1): OK  
 qbCtx=(@=0000000012F1A110, name=, pass=7, flg=)  
 qbCtx=(@=0000000012F19F58, name=, pass=3, flg=)  
 qbCtx=(@=0000000012F19C00, name=, pass=6, flg=DON)  
 Optimizer Estimate Context List:

p(INDEX\_SKIP\_SCAN indObjn=39 froNum=0): OK  
p(INDEX\_FILTER indObjn=40 froNum=0): OK  
p(INDEX\_SKIP\_SCAN indObjn=36 froNum=0): OK  
p(INDEX\_FILTER indObjn=36 froNum=0): adjcard:22  
p(TABLE froNum=0): OK  
p(INDEX\_FILTER indObjn=37 froNum=0): OK  
p(INDEX\_SKIP\_SCAN indObjn=40 froNum=0): OK  
p(INDEX\_FILTER indObjn=39 froNum=0): OK  
p(INDEX\_SKIP\_SCAN indObjn=37 froNum=0): OK  
qbCtx=(@=0000000012F19810, name=, pass=7, flg=DON)  
Optimizer Estimate Context List:  
p(JOIN jp=0, 1, 2): OK  
p(INDEX\_FILTER indObjn=36 froNum=3 jp=2): OK  
p(INDEX\_FILTER indObjn=36 froNum=3 jp=1, 2): OK  
p(INDEX\_FILTER indObjn=36 froNum=3 jp=0, 2): OK  
p(INDEX\_FILTER indObjn=36 froNum=3 jp=2, 5): OK  
p(INDEX\_FILTER indObjn=36 froNum=3 jp=0, 1, 2): OK  
p(INDEX\_FILTER indObjn=36 froNum=3 jp=1, 2, 5): OK  
p(INDEX\_SCAN indObjn=47 froNum=4 jp=2, 5): OK  
p(INDEX\_SCAN indObjn=47 froNum=4 jp=1, 2, 5): OK  
p(INDEX\_FILTER indObjn=36 froNum=3 jp=0, 2, 5): OK  
p(INDEX\_SCAN indObjn=47 froNum=4 jp=0, 2, 5): OK  
p(INDEX\_SCAN indObjn=47 froNum=4 jp=2, 3, 5): OK  
p(INDEX\_FILTER indObjn=36 froNum=3 jp=2, 4, 5): OK  
p(INDEX\_FILTER indObjn=36 froNum=3 jp=0, 1, 2, 5): OK  
p(INDEX\_SCAN indObjn=47 froNum=4 jp=0, 1, 2, 5): OK  
p(INDEX\_SCAN indObjn=47 froNum=4 jp=1, 2, 3, 5): OK  
p(INDEX\_FILTER indObjn=36 froNum=3 jp=1, 2, 4, 5): OK  
p(INDEX\_SCAN indObjn=47 froNum=4 jp=0, 2, 3, 5): OK  
p(INDEX\_FILTER indObjn=36 froNum=3 jp=0, 2, 4, 5): OK  
p(INDEX\_SCAN indObjn=47 froNum=4 jp=0, 1, 2, 3, 5): OK  
p(INDEX\_FILTER indObjn=36 froNum=3 jp=0, 1, 2, 4, 5): OK  
p(INDEX\_FILTER indObjn=36 froNum=5 jp=2): OK  
p(INDEX\_FILTER indObjn=36 froNum=5 jp=1, 2): OK  
p(INDEX\_FILTER indObjn=36 froNum=5 jp=0, 2): OK  
p(INDEX\_FILTER indObjn=36 froNum=5 jp=2, 3): OK  
p(INDEX\_FILTER indObjn=36 froNum=5 jp=0, 1, 2): OK  
p(INDEX\_FILTER indObjn=36 froNum=5 jp=1, 2, 3): OK  
p(INDEX\_SCAN indObjn=36 froNum=3 jp=2): OK  
p(INDEX\_SCAN indObjn=36 froNum=3 jp=1, 2): OK  
p(JOIN jp=0, 1, 2, 3): OK  
p(INDEX\_SCAN indObjn=36 froNum=3 jp=0, 2): OK  
p(INDEX\_SCAN indObjn=36 froNum=3 jp=2, 5): OK  
p(INDEX\_SCAN indObjn=36 froNum=3 jp=0, 1, 2): OK  
p(INDEX\_SCAN indObjn=36 froNum=3 jp=1, 2, 5): OK  
p(INDEX\_FILTER indObjn=36 froNum=5 jp=0, 2, 3): OK  
p(INDEX\_SCAN indObjn=36 froNum=3 jp=0, 2, 5): OK  
p(INDEX\_SCAN indObjn=36 froNum=3 jp=2, 4, 5): OK  
p(INDEX\_FILTER indObjn=36 froNum=5 jp=0, 1, 2, 3): OK  
p(INDEX\_SCAN indObjn=36 froNum=3 jp=0, 1, 2, 5): OK  
p(INDEX\_SCAN indObjn=36 froNum=3 jp=1, 2, 4, 5): OK  
p(INDEX\_SCAN indObjn=36 froNum=3 jp=0, 2, 4, 5): OK  
p(JOIN jp=1, 2, 3): OK  
p(INDEX\_SCAN indObjn=36 froNum=3 jp=0, 1, 2, 4, 5): OK

p(JOIN jp=2, 3, 5): OK  
p(JOIN jp=0, 2, 3, 4, 5): OK  
p(JOIN jp=1, 2): OK  
p(INDEX\_FILTER indObjn=47 froNum=4 jp=2, 5): OK  
p(INDEX\_FILTER indObjn=47 froNum=4 jp=1, 2, 5): OK  
p(INDEX\_FILTER indObjn=47 froNum=4 jp=0, 2, 5): OK  
p(INDEX\_FILTER indObjn=47 froNum=4 jp=2, 3, 5): OK  
p(INDEX\_FILTER indObjn=47 froNum=4 jp=0, 1, 2, 5): OK  
p(INDEX\_FILTER indObjn=47 froNum=4 jp=1, 2, 3, 5): OK  
p(INDEX\_FILTER indObjn=47 froNum=4 jp=0, 2, 3, 5): OK  
p(INDEX\_FILTER indObjn=11 froNum=4 jp=2, 5): OK  
p(INDEX\_FILTER indObjn=11 froNum=4 jp=1, 2, 5): OK  
p(INDEX\_FILTER indObjn=11 froNum=4 jp=0, 2, 5): OK  
p(INDEX\_FILTER indObjn=11 froNum=4 jp=2, 3, 5): OK  
p(INDEX\_FILTER indObjn=11 froNum=4 jp=0, 1, 2, 5): OK  
p(INDEX\_FILTER indObjn=11 froNum=4 jp=1, 2, 3, 5): OK  
p(INDEX\_FILTER indObjn=11 froNum=4 jp=0, 2, 3, 5): OK  
p(INDEX\_FILTER indObjn=11 froNum=4 jp=0, 1, 2, 3, 5): OK  
p(JOIN jp=0, 1, 2, 4, 5): OK  
p(INDEX\_FILTER indObjn=47 froNum=4 jp=0, 1, 2, 3, 5): OK  
p(JOIN jp=2, 4, 5): OK  
p(JOIN jp=1, 2, 3, 5): OK  
p(JOIN jp=2, 3): OK  
p(INDEX\_SCAN indObjn=11 froNum=4 jp=2, 5): OK  
p(JOIN jp=0, 1, 2, 3, 5): OK  
p(INDEX\_SCAN indObjn=11 froNum=4 jp=1, 2, 5): OK  
p(INDEX\_SCAN indObjn=11 froNum=4 jp=0, 2, 5): OK  
p(INDEX\_SCAN indObjn=11 froNum=4 jp=2, 3, 5): OK  
p(INDEX\_SCAN indObjn=11 froNum=4 jp=0, 1, 2, 5): OK  
p(INDEX\_SCAN indObjn=11 froNum=4 jp=1, 2, 3, 5): OK  
p(INDEX\_SCAN indObjn=11 froNum=4 jp=0, 2, 3, 5): OK  
p(JOIN jp=2, 5): OK  
p(JOIN jp=0, 1, 2, 3, 4, 5): OK  
p(INDEX\_SCAN indObjn=11 froNum=4 jp=0, 1, 2, 3, 5): OK  
p(JOIN jp=0, 2, 3): OK  
p(JOIN jp=0, 2, 3, 5): OK  
p(JOIN jp=2, 3, 4, 5): OK  
p(JOIN jp=1, 2, 4, 5): OK  
p(JOIN jp=0, 2, 4, 5): OK  
p(INDEX\_SCAN indObjn=36 froNum=5 jp=0, 2): OK  
p(INDEX\_SCAN indObjn=36 froNum=5 jp=2, 3): OK  
p(INDEX\_SCAN indObjn=36 froNum=5 jp=2): OK  
p(JOIN jp=1, 2, 5): OK  
p(INDEX\_SCAN indObjn=36 froNum=5 jp=1, 2): OK  
p(INDEX\_SCAN indObjn=36 froNum=5 jp=0, 1, 2): OK  
p(INDEX\_SCAN indObjn=36 froNum=5 jp=1, 2, 3): OK  
p(JOIN jp=0, 1, 2, 5): OK  
p(INDEX\_SCAN indObjn=36 froNum=5 jp=0, 2, 3): OK  
p(INDEX\_SCAN indObjn=36 froNum=5 jp=0, 1, 2, 3): OK  
p(JOIN jp=0, 2, 5): OK  
p(JOIN jp=1, 2, 3, 4, 5): OK  
p(TABLE froNum=1): OK  
qbCtx=(@=0000000012F196E0, name=, pass=2, flg=DON)  
qbCtx=(@=0000000012F1B5C0, name=, pass=3, flg=DON)

```
qbCtx=(@=0000000012F1AFA8, name=, pass=11, flg=DON)
  Optimizer Estimate Context List:
    p(INDEX_SKIP_SCAN indObjn=37 froNum=0): OK
    p(INDEX_FILTER indObjn=40 froNum=0): OK
    p(TABLE froNum=0): OK
    p(INDEX_FILTER indObjn=37 froNum=0): OK
    p(INDEX_SCAN indObjn=46 froNum=1): OK
    p(INDEX_SKIP_SCAN indObjn=40 froNum=0): OK
    p(TABLE froNum=1): OK
qbCtx=(@=0000000012F1AE78, name=, pass=2, flg=DON)
  Optimizer Estimate Context List:
    p(INDEX_SCAN indObjn=5970 froNum=0): OK
    p(INDEX_SCAN indObjn=5972 froNum=0): OK
    p(INDEX_SCAN indObjn=5971 froNum=0): OK
    p(TABLE froNum=0): OK
qbCtx=(@=0000000012F1ACB0, name=, pass=3, flg=DON)
  Optimizer Estimate Context List:
    p(INDEX_SKIP_SCAN indObjn=40 froNum=1): OK
    p(INDEX_SKIP_SCAN indObjn=37 froNum=1): OK
    p(INDEX_FILTER indObjn=40 froNum=1): OK
    p(TABLE froNum=0): OK
    p(INDEX_FILTER indObjn=37 froNum=1): OK
    p(TABLE froNum=1): OK
qbCtx=(@=0000000012F1A9D8, name=, pass=5, flg=DON)
  Optimizer Estimate Context List:
    p(INDEX_FILTER indObjn=37 froNum=2): OK
    p(INDEX_SKIP_SCAN indObjn=40 froNum=2): OK
    p(TABLE froNum=2): OK
    p(INDEX_SKIP_SCAN indObjn=37 froNum=2): OK
    p(JOIN jp=0, 1): OK
    p(INDEX_FILTER indObjn=36 froNum=0 jp=1): OK
    p(INDEX_SCAN indObjn=36 froNum=0 jp=1): OK
    p(INDEX_FILTER indObjn=40 froNum=2): OK
    p(TABLE froNum=1): OK
qbCtx=(@=0000000012F1A898, name=, pass=2, flg=DON)
qbCtx=(@=0000000012F1A758, name=, pass=2, flg=DON)
  Optimizer Estimate Context List:
    p(INDEX_SCAN indObjn=5924 froNum=0): OK
    p(TABLE froNum=0): OK
qbCtx=(@=0000000012F1BD88, name=, pass=5, flg=DON)
  Optimizer Estimate Context List:
    p(JOIN jp=0, 2, 3): OK
    p(JOIN jp=0, 3): OK
    p(INDEX_SCAN indObjn=46 froNum=1): OK
    p(JOIN jp=2, 3): OK
    p(TABLE froNum=1): OK
qbCtx=(@=0000000012F1BC58, name=, pass=2, flg=DON)
qbCtx=(@=0000000012F1BB28, name=, pass=2, flg=DON)
  Optimizer Estimate Context List:
    p(TABLE froNum=0): OK
qbCtx=(@=0000000012F1B9F8, name=, pass=2, flg=DON)
qbCtx=(@=0000000012F1B8C8, name=, pass=2, flg=DON)
  Optimizer Estimate Context List:
    p(INDEX_SKIP_SCAN indObjn=37 froNum=0): OK
```

```
p(INDEX_FILTER indObjn=40 froNum=0): OK
p(INDEX_FILTER indObjn=37 froNum=0): OK
p(INDEX_SKIP_SCAN indObjn=40 froNum=0): OK
p(TABLE froNum=0): OK
qbCtx=(@=0000000012F1C558, name=, pass=3, flg=DON)
Optimizer Estimate Context List:
p(INDEX_FILTER indObjn=36 froNum=1 jp=0): OK
p(INDEX_SCAN indObjn=36 froNum=1 jp=0): OK
p(JOIN jp=0, 1): OK
p(TABLE froNum=0): OK
qbCtx=(@=0000000012F1C280, name=, pass=5, flg=DON)
Optimizer Estimate Context List:
p(JOIN jp=1, 2): OK
p(INDEX_FILTER indObjn=37 froNum=2 jp=1, 3): OK
p(INDEX_FILTER indObjn=36 froNum=2 jp=1): OK
p(JOIN jp=0, 1, 2): OK
p(INDEX_FILTER indObjn=36 froNum=2 jp=0, 1): OK
p(INDEX_FILTER indObjn=36 froNum=2 jp=1, 3): OK
p(JOIN jp=0, 1): OK
p(INDEX_SCAN indObjn=11 froNum=3 jp=1, 2): OK
p(INDEX_SCAN indObjn=11 froNum=3 jp=0, 1, 2): OK
p(INDEX_FILTER indObjn=47 froNum=3 jp=1, 2): OK
p(INDEX_FILTER indObjn=47 froNum=3 jp=0, 1, 2): OK
p(INDEX_SCAN indObjn=36 froNum=2 jp=1): OK
p(INDEX_SCAN indObjn=36 froNum=2 jp=0, 1): OK
p(INDEX_FILTER indObjn=11 froNum=3 jp=1, 2): OK
p(INDEX_SCAN indObjn=36 froNum=2 jp=1, 3): OK
p(INDEX_SCAN indObjn=36 froNum=0 jp=1): OK
p(INDEX_SCAN indObjn=36 froNum=0 jp=1, 2): OK
p(INDEX_FILTER indObjn=11 froNum=3 jp=0, 1, 2): OK
p(INDEX_SCAN indObjn=36 froNum=0 jp=1, 2, 3): OK
p(INDEX_SCAN indObjn=47 froNum=3 jp=1, 2): OK
p(INDEX_SCAN indObjn=47 froNum=3 jp=0, 1, 2): OK
p(JOIN jp=0, 1, 2, 3): OK
p(INDEX_FILTER indObjn=36 froNum=0 jp=1): OK
p(INDEX_FILTER indObjn=36 froNum=0 jp=1, 2): OK
p(INDEX_FILTER indObjn=36 froNum=0 jp=1, 2, 3): OK
p(JOIN jp=1, 2, 3): OK
p(TABLE froNum=1): OK
qbCtx=(@=0000000012F1C0B8, name=, pass=3, flg=DON)
Optimizer Estimate Context List:
p(INDEX_SKIP_SCAN indObjn=5962 froNum=1): OK
p(INDEX_SCAN indObjn=36 froNum=0 jp=1): OK
p(INDEX_FILTER indObjn=5962 froNum=1): OK
p(JOIN jp=0, 1): OK
p(INDEX_FILTER indObjn=36 froNum=0 jp=1): OK
p(TABLE froNum=1): adjcard:0
qbCtx=(@=0000000012F1CE78, name=, pass=3, flg=DON)
Optimizer Estimate Context List:
p(INDEX_SCAN indObjn=36 froNum=0 jp=1): OK
p(JOIN jp=0, 1): OK
p(INDEX_FILTER indObjn=36 froNum=0 jp=1): OK
p(TABLE froNum=1): adjcard:0
qbCtx=(@=0000000012F1D288, name=, pass=4, flg=)
```



qbCtx=(@=0000000012F1D0C0, name=, pass=3, flg=DON)

Optimizer Estimate Context List:

p(INDEX\_SCAN indObjn=36 froNum=0 jp=1): OK

p(JOIN jp=0, 1): OK

p(INDEX\_FILTER indObjn=36 froNum=0 jp=1): OK

p(TABLE froNum=1): adjcard:0

kestsDumpXpl(): dump explain plan(s): first type=original

Explain Plan List:

Dumping plan with type=original

=====

Plan Table

=====

Id	Operation	Name
0	SELECT STATEMENT	
11	5786   245   00:00:03	
1	HASH JOIN OUTER	
11	5786   245   00:00:03	
2	HASH JOIN OUTER	
11	4092   129   00:00:02	
3	FILTER	
4	HASH JOIN RIGHT OUTER	
11	3245   41   00:00:01	
5	TABLE ACCESS FULL	WRI\$_ADV_PARAMETERS
26	650   11   00:00:01	
6	HASH JOIN	
37	9990   30   00:00:01	
7	TABLE ACCESS FULL	WRI\$_ADV_PARAMETERS
37	925   11   00:00:01	
8	HASH JOIN	
37	9065   18   00:00:01	
9	VIEW	DBA_ADVISOR_TASKS
37	8140   7   00:00:01	
10	FILTER	
11	HASH JOIN OUTER	
37	6105   7   00:00:01	
12	TABLE ACCESS FULL	WRI\$_ADV_TASKS
37	4699   3   00:00:01	
13	TABLE ACCESS FULL	WRI\$_ADV_EXECUTIONS
71	2698   3   00:00:01	
14	TABLE ACCESS FULL	WRI\$_ADV_PARAMETERS
37	925   11   00:00:01	
15	VIEW	DBA_SCHEDULER_JOBS
26	2002   88   00:00:02	
16	UNION-ALL	

17	MERGE JOIN CARTESIAN								
25	2950	83	00:00:01						
18	HASH JOIN								
25	2950	83	00:00:01						
19	NESTED LOOPS OUTER								
25	2525	79	00:00:01						
20	NESTED LOOPS								
25	2400	54	00:00:01						
21	NESTED LOOPS								
25	1575	4	00:00:01						
22	FIXED TABLE FULL					X\$KCCDI			
1	13	0	00:00:01						
23	TABLE ACCESS FULL					SCHEDULER\$_JOB			
25	1250	4	00:00:01						
24	TABLE ACCESS BY INDEX ROWID								
OBJ\$			1	33	2	00:00:01			
25	INDEX RANGE SCAN					I_OBJ1			
1			1	00:00:01					
26	INDEX RANGE SCAN					I_OBJ1			
1	5	1	00:00:01						
27	TABLE ACCESS FULL								
USER\$			97	1649	3	00:00:01			
28	BUFFER SORT								
1			80	00:00:01					
29	FIXED TABLE FULL					X\$KCCDI2			
1			0	00:00:01					
30	NESTED LOOPS								
1	182	5	00:00:01						
31	NESTED LOOPS								
1	165	4	00:00:01						
32	NESTED LOOPS OUTER								
1	156	3	00:00:01						
33	NESTED LOOPS								
1	151	2	00:00:01						
34	TABLE ACCESS FULL								
SCHEDULER\$_LIGHTWEIGHT_JOB			1	108	2	00:00:01			
35	TABLE ACCESS BY INDEX ROWID					SCHEDULER\$_LWJOB_OBJ			
1	43	0	00:00:01						
36	INDEX UNIQUE SCAN					SCHEDULER\$_LOBJ_PK			
1			0	00:00:01					
37	INDEX RANGE SCAN					I_OBJ1			
1	5	1	00:00:01						
38	INDEX RANGE SCAN					I_OBJ1			
1	9	1	00:00:01						
39	TABLE ACCESS CLUSTER								
USER\$			1	17	1	00:00:01			
40	INDEX UNIQUE SCAN					I_USER#			
1			0	00:00:01					
41	VIEW								
37	5698	115	00:00:02						
42	NESTED LOOPS OUTER								
37	2923	115	00:00:02						
43	HASH JOIN								
37	2738	78	00:00:01						

44	VIEW				VW_NSO_1
93	1209	73	00:00:01		
45	HASH UNIQUE				
93	5208	73	00:00:01		
46	WINDOW SORT				
93	5208	73	00:00:01		
47	HASH JOIN OUTER				
93	5208	71	00:00:01		
48	TABLE ACCESS FULL				SCHEDULER\$_EVENT_LOG
93	4743	5	00:00:01		
49	INDEX FAST FULL SCAN				I_OBJ1
73K	367K	65	00:00:01		
50	TABLE ACCESS FULL				SCHEDULER\$_EVENT_LOG
93	5673	5	00:00:01		
51	INDEX RANGE SCAN				I_OBJ1
1	5	1	00:00:01		

```

-----+
          Explain Plan (original): hash=1499986165 hash2=3977685166
cost=245.155131
Plan Status:
  status=(pst=ERROR)

```

```

-----
Outline plan information
-----

```

```

Outline data:

```

```

----- Dump of outline -----

```

```

/*+

```

```

BEGIN_OUTLINE_DATA
  IGNORE_OPTIM_EMBEDDED_HINTS
  OPTIMIZER_FEATURES_ENABLE('11.2.0.2')
  DB_VERSION('11.2.0.2')
  OPT_PARAM('result_cache_mode' 'FORCE')
  ALL_ROWS
  OUTLINE_LEAF(@"SEL$5")
  OUTLINE_LEAF(@"SEL$19")
  OUTLINE_LEAF(@"SEL$5F3F0374")
  ELIMINATE_JOIN(@"SEL$813C1359" "AD"@"SEL$17")
  OUTLINE_LEAF(@"SEL$1FB6C052")
  MERGE(@"SEL$15")
  OUTLINE_LEAF(@"SEL$21")
  OUTLINE_LEAF(@"SEL$22")
  OUTLINE_LEAF(@"SET$3")
  OUTLINE_LEAF(@"SEL$23")
  OUTLINE_LEAF(@"SEL$24")
  OUTLINE_LEAF(@"SET$4")
  OUTLINE_LEAF(@"SEL$1C34B9A1")
  ELIMINATE_JOIN(@"SEL$95423B40" "AD"@"SEL$26")
  OUTLINE_LEAF(@"SEL$A065B7E5")
  MERGE(@"SEL$28")
  OUTLINE_LEAF(@"SET$5")
  OUTLINE_LEAF(@"SEL$20")
  OUTLINE_LEAF(@"SET$2")

```

OUTLINE\_LEAF(@"SEL\$13")  
OUTLINE\_LEAF(@"SEL\$20EAEDCE")  
MERGE(@"SEL\$F7A62D4D")  
OUTLINE\_LEAF(@"SEL\$31")  
OUTLINE\_LEAF(@"SET\$1")  
OUTLINE\_LEAF(@"SEL\$916FDCC7")  
OUTLINE\_LEAF(@"SEL\$3CE29736")  
UNNEST(@"SEL\$5F9076AD")  
OUTLINE\_LEAF(@"SEL\$E2A84955")  
MERGE(@"SEL\$A815D38B")  
OUTLINE(@"SEL\$813C1359")  
MERGE(@"SEL\$17")  
MERGE(@"SEL\$18")  
OUTLINE(@"SEL\$14")  
OUTLINE(@"SEL\$15")  
OUTLINE(@"SEL\$95423B40")  
MERGE(@"SEL\$26")  
OUTLINE(@"SEL\$27")  
OUTLINE(@"SEL\$28")  
OUTLINE(@"SEL\$12")  
OUTLINE(@"SEL\$F7A62D4D")  
MERGE(@"SEL\$30")  
OUTLINE(@"SEL\$5F9076AD")  
MERGE(@"SEL\$35")  
OUTLINE(@"SEL\$9CF1E98E")  
MERGE(@"SEL\$33")  
OUTLINE(@"SEL\$1")  
OUTLINE(@"SEL\$A815D38B")  
MERGE(@"SEL\$16B88241")  
OUTLINE(@"SEL\$16")  
OUTLINE(@"SEL\$17")  
OUTLINE(@"SEL\$18")  
OUTLINE(@"SEL\$25")  
OUTLINE(@"SEL\$26")  
OUTLINE(@"SEL\$29")  
OUTLINE(@"SEL\$30")  
OUTLINE(@"SEL\$34")  
OUTLINE(@"SEL\$35")  
OUTLINE(@"SEL\$32")  
OUTLINE(@"SEL\$33")  
OUTLINE(@"SEL\$2")  
OUTLINE(@"SEL\$16B88241")  
MERGE(@"SEL\$285A8194")  
MERGE(@"SEL\$4")  
MERGE(@"SEL\$68B588A0")  
MERGE(@"SEL\$CF5359D5")  
OUTLINE(@"SEL\$3")  
OUTLINE(@"SEL\$285A8194")  
MERGE(@"SEL\$11")  
OUTLINE(@"SEL\$4")  
OUTLINE(@"SEL\$68B588A0")  
MERGE(@"SEL\$7")  
OUTLINE(@"SEL\$CF5359D5")  
MERGE(@"SEL\$9")

```

OUTLINE (@"SEL$10")
OUTLINE (@"SEL$11")
OUTLINE (@"SEL$6")
OUTLINE (@"SEL$7")
OUTLINE (@"SEL$8")
OUTLINE (@"SEL$9")
NO_ACCESS (@"SEL$E2A84955" "T"@"SEL$4")
FULL (@"SEL$E2A84955" "A"@"SEL$7")
FULL (@"SEL$E2A84955" "A"@"SEL$9")
FULL (@"SEL$E2A84955" "A"@"SEL$11")
NO_ACCESS (@"SEL$E2A84955" "J"@"SEL$2")
NO_ACCESS (@"SEL$E2A84955" "JL"@"SEL$1")
LEADING (@"SEL$E2A84955" "T"@"SEL$4" "A"@"SEL$7" "A"@"SEL$9"
"A"@"SEL$11" "J"@"SEL$2" "JL"@"SEL$1")
USE_HASH (@"SEL$E2A84955" "A"@"SEL$7")
USE_HASH (@"SEL$E2A84955" "A"@"SEL$9")
USE_HASH (@"SEL$E2A84955" "A"@"SEL$11")
USE_HASH (@"SEL$E2A84955" "J"@"SEL$2")
USE_HASH (@"SEL$E2A84955" "JL"@"SEL$1")
SWAP_JOIN_INPUTS (@"SEL$E2A84955" "A"@"SEL$9")
SWAP_JOIN_INPUTS (@"SEL$E2A84955" "A"@"SEL$11")
FULL (@"SEL$5" "A"@"SEL$5")
FULL (@"SEL$5" "E"@"SEL$5")
LEADING (@"SEL$5" "A"@"SEL$5" "E"@"SEL$5")
USE_HASH (@"SEL$5" "E"@"SEL$5")
NO_ACCESS (@"SEL$3CE29736" "VW_NSO_1"@"SEL$3CE29736")
FULL (@"SEL$3CE29736" "E"@"SEL$33")
INDEX (@"SEL$3CE29736" "CO"@"SEL$33" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
LEADING (@"SEL$3CE29736" "VW_NSO_1"@"SEL$3CE29736" "E"@"SEL$33"
"CO"@"SEL$33")
USE_HASH (@"SEL$3CE29736" "E"@"SEL$33")
USE_NL (@"SEL$3CE29736" "CO"@"SEL$33")
FULL (@"SEL$916FDCC7" "E"@"SEL$35")
INDEX_FFS (@"SEL$916FDCC7" "CO"@"SEL$35" ("OBJ$"."OBJ#"
"OBJ$"."OWNER#" "OBJ$"."TYPE#"))
LEADING (@"SEL$916FDCC7" "E"@"SEL$35" "CO"@"SEL$35")
USE_HASH (@"SEL$916FDCC7" "CO"@"SEL$35")
USE_HASH_AGGREGATION (@"SEL$916FDCC7")
FULL (@"SEL$31" "L"@"SEL$31")
INDEX_RS_ASC (@"SEL$31" "LO"@"SEL$31" ("SCHEDULER$_LWJOB_OBJ"."OBJ#"))
INDEX (@"SEL$31" "LCO"@"SEL$31" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX (@"SEL$31" "PO"@"SEL$31" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX (@"SEL$31" "LU"@"SEL$31" "I_USER#")
LEADING (@"SEL$31" "L"@"SEL$31" "LO"@"SEL$31" "LCO"@"SEL$31"
"PO"@"SEL$31" "LU"@"SEL$31")
USE_NL (@"SEL$31" "LO"@"SEL$31")
USE_NL (@"SEL$31" "LCO"@"SEL$31")
USE_NL (@"SEL$31" "PO"@"SEL$31")
USE_NL (@"SEL$31" "LU"@"SEL$31")
FULL (@"SEL$20EAEDCE" "DI"@"SEL$30")
FULL (@"SEL$20EAEDCE" "J"@"SEL$12")

```

```

INDEX_RS_ASC(@"SEL$20EAEDCE" "JO"@SEL$12" ("OBJ$".OBJ#"
"OBJ$".OWNER#" "OBJ$".TYPE#"))
INDEX(@"SEL$20EAEDCE" "CO"@SEL$12" ("OBJ$".OBJ#" "OBJ$".OWNER#"
"OBJ$".TYPE#"))
FULL(@"SEL$20EAEDCE" "JU"@SEL$12")
FULL(@"SEL$20EAEDCE" "DI2"@SEL$30")
LEADING(@"SEL$20EAEDCE" "DI"@SEL$30" "J"@SEL$12" "JO"@SEL$12"
"CO"@SEL$12" "JU"@SEL$12" "DI2"@SEL$30")
USE_NL(@"SEL$20EAEDCE" "J"@SEL$12")
USE_NL(@"SEL$20EAEDCE" "JO"@SEL$12")
USE_NL(@"SEL$20EAEDCE" "CO"@SEL$12")
USE_HASH(@"SEL$20EAEDCE" "JU"@SEL$12")
USE_MERGE_CARTESIAN(@"SEL$20EAEDCE" "DI2"@SEL$30")
NO_ACCESS(@"SEL$13" "DJD"@SEL$13")
INDEX_RS_ASC(@"SEL$20" "U1"@SEL$20" ("USER$".NAME))
NO_ACCESS(@"SEL$20" "O1"@SEL$20")
NO_ACCESS(@"SEL$20" "J1"@SEL$20")
NO_ACCESS(@"SEL$20" "JD1"@SEL$20")
LEADING(@"SEL$20" "U1"@SEL$20" "O1"@SEL$20" "J1"@SEL$20"
"JD1"@SEL$20")
USE_NL(@"SEL$20" "O1"@SEL$20")
USE_HASH(@"SEL$20" "J1"@SEL$20")
USE_HASH(@"SEL$20" "JD1"@SEL$20")
NO_ACCESS(@"SEL$1FB6C052" "DD"@SEL$14")
FULL(@"SEL$1FB6C052" "D"@SEL$15")
LEADING(@"SEL$1FB6C052" "DD"@SEL$14" "D"@SEL$15")
USE_HASH(@"SEL$1FB6C052" "D"@SEL$15")
INDEX_RS_ASC(@"SEL$5F3F0374" "U"@SEL$18" ("USER$".NAME))
INDEX(@"SEL$5F3F0374" "O"@SEL$18" ("OBJ$".OWNER#" "OBJ$".NAME"
"OBJ$".NAMESPACE" "OBJ$".REMOTEOWNER" "OBJ$".LINKNAME"
"OBJ$".SUBNAME" "OBJ$".TYPE#" "OBJ$".SPARE3" "OBJ$".OBJ#"))
INDEX_RS_ASC(@"SEL$5F3F0374" "J1"@SEL$18" ("SCHEDULER$_JOB".OBJ#"))
INDEX(@"SEL$5F3F0374" "W"@SEL$17" ("SCHEDULER$_WINDOW_GROUP".OBJ#"))
INDEX(@"SEL$5F3F0374" "WG"@SEL$17" ("SCHEDULER$_WINGRP_MEMBER".OID"
"SCHEDULER$_WINGRP_MEMBER".MEMBER_OID"
"SCHEDULER$_WINGRP_MEMBER".MEMBER_OID2"))
INDEX(@"SEL$5F3F0374" "D"@SEL$17" ("SCHEDULER$_DESTINATIONS".OBJ#"))
INDEX(@"SEL$5F3F0374" "CMO"@SEL$17" ("OBJ$".OBJ#" "OBJ$".OWNER#"
"OBJ$".TYPE#"))
INDEX(@"SEL$5F3F0374" "CMU"@SEL$17" ("USER$".USER#" "USER$".TYPE#"
"USER$".SPARE1" "USER$".SPARE2"))
INDEX(@"SEL$5F3F0374" "WMO"@SEL$17" ("OBJ$".OBJ#" "OBJ$".OWNER#"
"OBJ$".TYPE#"))
INDEX(@"SEL$5F3F0374" "WMU"@SEL$17" ("USER$".USER#" "USER$".TYPE#"
"USER$".SPARE1" "USER$".SPARE2"))
LEADING(@"SEL$5F3F0374" "U"@SEL$18" "O"@SEL$18" "J1"@SEL$18"
"W"@SEL$17" "WG"@SEL$17" "D"@SEL$17" "CMO"@SEL$17" "CMU"@SEL$17"
"WMO"@SEL$17" "WMU"@SEL$17")
USE_NL(@"SEL$5F3F0374" "O"@SEL$18")
USE_NL(@"SEL$5F3F0374" "J1"@SEL$18")
USE_NL(@"SEL$5F3F0374" "W"@SEL$17")
USE_NL(@"SEL$5F3F0374" "WG"@SEL$17")
USE_NL(@"SEL$5F3F0374" "D"@SEL$17")
USE_NL(@"SEL$5F3F0374" "CMO"@SEL$17")

```

```

USE_NL(@"SEL$5F3F0374" "CMU"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "WMO"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "WMU"@"SEL$17")
INDEX(@"SEL$19" "WM"@"SEL$19" ("SCHEDULER$_WINGRP_MEMBER"."OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID2"))
FULL(@"SEL$A065B7E5" "D"@"SEL$28")
INDEX(@"SEL$A065B7E5" "O"@"SEL$28" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
LEADING(@"SEL$A065B7E5" "D"@"SEL$28" "O"@"SEL$28")
USE_NL(@"SEL$A065B7E5" "O"@"SEL$28")
NLJ_BATCHING(@"SEL$A065B7E5" "O"@"SEL$28")
FULL(@"SEL$1C34B9A1" "D"@"SEL$26")
INDEX(@"SEL$1C34B9A1" "AO"@"SEL$26" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX_RS_ASC(@"SEL$1C34B9A1" "O"@"SEL$26" ("OBJ$"."OBJ#"
"OBJ$"."OWNER#" "OBJ$"."TYPE#"))
INDEX(@"SEL$1C34B9A1" "U"@"SEL$26" "I_USER#")
LEADING(@"SEL$1C34B9A1" "D"@"SEL$26" "AO"@"SEL$26" "O"@"SEL$26"
"U"@"SEL$26")
USE_NL(@"SEL$1C34B9A1" "AO"@"SEL$26")
USE_NL(@"SEL$1C34B9A1" "O"@"SEL$26")
USE_NL(@"SEL$1C34B9A1" "U"@"SEL$26")
INDEX_SS(@"SEL$24" "LO1"@"SEL$24" ("SCHEDULER$_LWJOB_OBJ"."USERID"
"SCHEDULER$_LWJOB_OBJ"."NAME" "SCHEDULER$_LWJOB_OBJ"."SUBNAME"))
INDEX_FFS(@"SEL$23" "RO1"@"SEL$23" ("OBJ$"."OWNER#" "OBJ$"."NAME"
"OBJ$"."NAMESPACE" "OBJ$"."REMOTEOWNER" "OBJ$"."LINKNAME"
"OBJ$"."SUBNAME" "OBJ$"."TYPE#" "OBJ$"."SPARE3" "OBJ$"."OBJ#"))
FULL(@"SEL$22" "LJ1"@"SEL$22")
FULL(@"SEL$21" "RJ1"@"SEL$21")
END_OUTLINE_DATA

```

\*/

```

kestsDumpXpl(): dump explain plan(s): first type=adjusted
Explain Plan List:
Dumping plan with type=adjusted

```

```

=====
Plan Table
=====

```

Id	Operation	Name		
Rows	Bytes	Cost	Time	
0	SELECT STATEMENT			
1	521   215   00:00:03			
1	HASH JOIN OUTER			
1	521   215   00:00:03			
2	HASH JOIN OUTER			
1	367   129   00:00:02			
3	FILTER			

4		HASH JOIN RIGHT OUTER			
	1	290	41	00:00:01	
5		TABLE ACCESS FULL			WRI\$_ADV_PARAMETERS
	9	216	11	00:00:01	
6		HASH JOIN			
	2	532	30	00:00:01	
7		TABLE ACCESS FULL			WRI\$_ADV_PARAMETERS
	9	216	11	00:00:01	
8		HASH JOIN			
	1	242	18	00:00:01	
9		VIEW			DBA_ADVISOR_TASKS
	1	218	7	00:00:01	
10		FILTER			
11		HASH JOIN OUTER			
	1	111	7	00:00:01	
12		TABLE ACCESS FULL			WRI\$_ADV_TASKS
	1	76	3	00:00:01	
13		TABLE ACCESS FULL			WRI\$_ADV_EXECUTIONS
	26	910	3	00:00:01	
14		TABLE ACCESS FULL			WRI\$_ADV_PARAMETERS
	9	216	11	00:00:01	
15		VIEW			DBA_SCHEDULER_JOBS
	26	2002	88	00:00:02	
16		UNION-ALL			
17		MERGE JOIN CARTESIAN			
	25	2950	83	00:00:01	
18		HASH JOIN			
	25	2950	83	00:00:01	
19		NESTED LOOPS OUTER			
	25	2525	79	00:00:01	
20		NESTED LOOPS			
	25	2400	54	00:00:01	
21		NESTED LOOPS			
	25	1575	4	00:00:01	
22		FIXED TABLE FULL			X\$KCCDI
	1	13	0	00:00:01	
23		TABLE ACCESS FULL			SCHEDULER\$_JOB
	25	1250	4	00:00:01	
24		TABLE ACCESS BY INDEX ROWID			
OBJ\$_			1	33	2   00:00:01
25		INDEX RANGE SCAN			I_OBJ1
	1		1	00:00:01	
26		INDEX RANGE SCAN			I_OBJ1
	1	5	1	00:00:01	
27		TABLE ACCESS FULL			
USER\$_			97	1649	3   00:00:01
28		BUFFER SORT			
	1		80	00:00:01	
29		FIXED TABLE FULL			X\$KCCDI2
	1		0	00:00:01	
30		NESTED LOOPS			
	1	182	5	00:00:01	



```

| 31 |          NESTED LOOPS          | | |
|   1 |    165 |    4 | 00:00:01 |
| 32 |          NESTED LOOPS OUTER    |
|   1 |    156 |    3 | 00:00:01 |
| 33 |          NESTED LOOPS          |
|   1 |    151 |    2 | 00:00:01 |
| 34 |          TABLE ACCESS FULL    |
SCHEDULER$_LIGHTWEIGHT_JOB|    1 |   108 |    2 | 00:00:01 |
| 35 |          TABLE ACCESS BY INDEX ROWID | SCHEDULER$_LWJOB_OBJ
|   1 |    43 |    0 | 00:00:01 |
| 36 |          INDEX UNIQUE SCAN      | SCHEDULER$_LOBJ_PK
|   1 |      |    0 | 00:00:01 |
| 37 |          INDEX RANGE SCAN      | I_OBJ1
|   1 |    5 |    1 | 00:00:01 |
| 38 |          INDEX RANGE SCAN      | I_OBJ1
|   1 |    9 |    1 | 00:00:01 |
| 39 |          TABLE ACCESS CLUSTER |
USER$_                |    1 |   17 |    1 | 00:00:01 |
| 40 |          INDEX UNIQUE SCAN      | I_USER#
|   1 |      |    0 | 00:00:01 |
| 41 |          VIEW                    |
|   7 |   1078 |    85 | 00:00:02 |
| 42 |          NESTED LOOPS OUTER    |
|   7 |    553 |    85 | 00:00:02 |
| 43 |          HASH JOIN              |
|   7 |    518 |    78 | 00:00:01 |
| 44 |          VIEW                    | VW_NSO_1
|   41 |    533 |    73 | 00:00:01 |
| 45 |          HASH UNIQUE            |
|   41 |   2296 |    73 | 00:00:01 |
| 46 |          WINDOW SORT            |
|   41 |   2296 |    73 | 00:00:01 |
| 47 |          HASH JOIN OUTER       |
|   41 |   2296 |    71 | 00:00:01 |
| 48 |          TABLE ACCESS FULL    | SCHEDULER$_EVENT_LOG
|   41 |   2091 |    5 | 00:00:01 |
| 49 |          INDEX FAST FULL SCAN   | I_OBJ1
|   73K |   367K |    65 | 00:00:01 |
| 50 |          TABLE ACCESS FULL    | SCHEDULER$_EVENT_LOG
|   41 |   2501 |    5 | 00:00:01 |
| 51 |          INDEX RANGE SCAN      | I_OBJ1
|   1 |    5 |    1 | 00:00:01 |

```

```

-----+
          Explain Plan (adjusted): hash=1499986165 hash2=3977685166
cost=215.077738
Plan Status:
  status=(pst=ERROR)

```

```

-----
Outline plan information
-----

```

```

Outline data:

```

```

----- Dump of outline -----

```

```

/*+
BEGIN_OUTLINE_DATA
  IGNORE_OPTIM_EMBEDDED_HINTS
  OPTIMIZER_FEATURES_ENABLE('11.2.0.2')
  DB_VERSION('11.2.0.2')
  OPT_PARAM('result_cache_mode' 'FORCE')
  ALL_ROWS
  OUTLINE_LEAF(@"SEL$5")
  OUTLINE_LEAF(@"SEL$19")
  OUTLINE_LEAF(@"SEL$5F3F0374")
  ELIMINATE_JOIN(@"SEL$813C1359" "AD"@"SEL$17")
  OUTLINE_LEAF(@"SEL$1FB6C052")
  MERGE(@"SEL$15")
  OUTLINE_LEAF(@"SEL$21")
  OUTLINE_LEAF(@"SEL$22")
  OUTLINE_LEAF(@"SET$3")
  OUTLINE_LEAF(@"SEL$23")
  OUTLINE_LEAF(@"SEL$24")
  OUTLINE_LEAF(@"SET$4")
  OUTLINE_LEAF(@"SEL$1C34B9A1")
  ELIMINATE_JOIN(@"SEL$95423B40" "AD"@"SEL$26")
  OUTLINE_LEAF(@"SEL$A065B7E5")
  MERGE(@"SEL$28")
  OUTLINE_LEAF(@"SET$5")
  OUTLINE_LEAF(@"SEL$20")
  OUTLINE_LEAF(@"SET$2")
  OUTLINE_LEAF(@"SEL$13")
  OUTLINE_LEAF(@"SEL$20EAEDCE")
  MERGE(@"SEL$F7A62D4D")
  OUTLINE_LEAF(@"SEL$31")
  OUTLINE_LEAF(@"SET$1")
  OUTLINE_LEAF(@"SEL$916FDCC7")
  OUTLINE_LEAF(@"SEL$3CE29736")
  UNNEST(@"SEL$5F9076AD")
  OUTLINE_LEAF(@"SEL$E2A84955")
  MERGE(@"SEL$A815D38B")
  OUTLINE(@"SEL$813C1359")
  MERGE(@"SEL$17")
  MERGE(@"SEL$18")
  OUTLINE(@"SEL$14")
  OUTLINE(@"SEL$15")
  OUTLINE(@"SEL$95423B40")
  MERGE(@"SEL$26")
  OUTLINE(@"SEL$27")
  OUTLINE(@"SEL$28")
  OUTLINE(@"SEL$12")
  OUTLINE(@"SEL$F7A62D4D")
  MERGE(@"SEL$30")
  OUTLINE(@"SEL$5F9076AD")
  MERGE(@"SEL$35")
  OUTLINE(@"SEL$9CF1E98E")
  MERGE(@"SEL$33")
  OUTLINE(@"SEL$1")
  OUTLINE(@"SEL$A815D38B")

```

```

MERGE (@"SEL$16B88241")
OUTLINE (@"SEL$16")
OUTLINE (@"SEL$17")
OUTLINE (@"SEL$18")
OUTLINE (@"SEL$25")
OUTLINE (@"SEL$26")
OUTLINE (@"SEL$29")
OUTLINE (@"SEL$30")
OUTLINE (@"SEL$34")
OUTLINE (@"SEL$35")
OUTLINE (@"SEL$32")
OUTLINE (@"SEL$33")
OUTLINE (@"SEL$2")
OUTLINE (@"SEL$16B88241")
MERGE (@"SEL$285A8194")
MERGE (@"SEL$4")
MERGE (@"SEL$68B588A0")
MERGE (@"SEL$CF5359D5")
OUTLINE (@"SEL$3")
OUTLINE (@"SEL$285A8194")
MERGE (@"SEL$11")
OUTLINE (@"SEL$4")
OUTLINE (@"SEL$68B588A0")
MERGE (@"SEL$7")
OUTLINE (@"SEL$CF5359D5")
MERGE (@"SEL$9")
OUTLINE (@"SEL$10")
OUTLINE (@"SEL$11")
OUTLINE (@"SEL$6")
OUTLINE (@"SEL$7")
OUTLINE (@"SEL$8")
OUTLINE (@"SEL$9")
NO_ACCESS (@"SEL$E2A84955" "T"@"SEL$4")
FULL (@"SEL$E2A84955" "A"@"SEL$7")
FULL (@"SEL$E2A84955" "A"@"SEL$9")
FULL (@"SEL$E2A84955" "A"@"SEL$11")
NO_ACCESS (@"SEL$E2A84955" "J"@"SEL$2")
NO_ACCESS (@"SEL$E2A84955" "JL"@"SEL$1")
LEADING (@"SEL$E2A84955" "T"@"SEL$4" "A"@"SEL$7" "A"@"SEL$9"
"A"@"SEL$11" "J"@"SEL$2" "JL"@"SEL$1")
USE_HASH (@"SEL$E2A84955" "A"@"SEL$7")
USE_HASH (@"SEL$E2A84955" "A"@"SEL$9")
USE_HASH (@"SEL$E2A84955" "A"@"SEL$11")
USE_HASH (@"SEL$E2A84955" "J"@"SEL$2")
USE_HASH (@"SEL$E2A84955" "JL"@"SEL$1")
SWAP_JOIN_INPUTS (@"SEL$E2A84955" "A"@"SEL$9")
SWAP_JOIN_INPUTS (@"SEL$E2A84955" "A"@"SEL$11")
FULL (@"SEL$5" "A"@"SEL$5")
FULL (@"SEL$5" "E"@"SEL$5")
LEADING (@"SEL$5" "A"@"SEL$5" "E"@"SEL$5")
USE_HASH (@"SEL$5" "E"@"SEL$5")
NO_ACCESS (@"SEL$3CE29736" "VW_NSO_1"@"SEL$3CE29736")
FULL (@"SEL$3CE29736" "E"@"SEL$33")

```

```

INDEX(@"SEL$3CE29736" "CO"@"SEL$33" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
LEADING(@"SEL$3CE29736" "VW_NSO_1"@"SEL$3CE29736" "E"@"SEL$33"
"CO"@"SEL$33")
USE_HASH(@"SEL$3CE29736" "E"@"SEL$33")
USE_NL(@"SEL$3CE29736" "CO"@"SEL$33")
FULL(@"SEL$916FDCC7" "E"@"SEL$35")
INDEX_FFS(@"SEL$916FDCC7" "CO"@"SEL$35" ("OBJ$"."OBJ#"
"OBJ$"."OWNER#" "OBJ$"."TYPE#"))
LEADING(@"SEL$916FDCC7" "E"@"SEL$35" "CO"@"SEL$35")
USE_HASH(@"SEL$916FDCC7" "CO"@"SEL$35")
USE_HASH_AGGREGATION(@"SEL$916FDCC7")
FULL(@"SEL$31" "L"@"SEL$31")
INDEX_RS_ASC(@"SEL$31" "LO"@"SEL$31" ("SCHEDULER$_LWJOB_OBJ"."OBJ#"))
INDEX(@"SEL$31" "LCO"@"SEL$31" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX(@"SEL$31" "PO"@"SEL$31" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX(@"SEL$31" "LU"@"SEL$31" "I_USER#")
LEADING(@"SEL$31" "L"@"SEL$31" "LO"@"SEL$31" "LCO"@"SEL$31"
"PO"@"SEL$31" "LU"@"SEL$31")
USE_NL(@"SEL$31" "LO"@"SEL$31")
USE_NL(@"SEL$31" "LCO"@"SEL$31")
USE_NL(@"SEL$31" "PO"@"SEL$31")
USE_NL(@"SEL$31" "LU"@"SEL$31")
FULL(@"SEL$20EAEDCE" "DI"@"SEL$30")
FULL(@"SEL$20EAEDCE" "J"@"SEL$12")
INDEX_RS_ASC(@"SEL$20EAEDCE" "JO"@"SEL$12" ("OBJ$"."OBJ#"
"OBJ$"."OWNER#" "OBJ$"."TYPE#"))
INDEX(@"SEL$20EAEDCE" "CO"@"SEL$12" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
FULL(@"SEL$20EAEDCE" "JU"@"SEL$12")
FULL(@"SEL$20EAEDCE" "DI2"@"SEL$30")
LEADING(@"SEL$20EAEDCE" "DI"@"SEL$30" "J"@"SEL$12" "JO"@"SEL$12"
"CO"@"SEL$12" "JU"@"SEL$12" "DI2"@"SEL$30")
USE_NL(@"SEL$20EAEDCE" "J"@"SEL$12")
USE_NL(@"SEL$20EAEDCE" "JO"@"SEL$12")
USE_NL(@"SEL$20EAEDCE" "CO"@"SEL$12")
USE_HASH(@"SEL$20EAEDCE" "JU"@"SEL$12")
USE_MERGE_CARTESIAN(@"SEL$20EAEDCE" "DI2"@"SEL$30")
NO_ACCESS(@"SEL$13" "DJD"@"SEL$13")
INDEX_RS_ASC(@"SEL$20" "U1"@"SEL$20" ("USER$"."NAME"))
NO_ACCESS(@"SEL$20" "O1"@"SEL$20")
NO_ACCESS(@"SEL$20" "J1"@"SEL$20")
NO_ACCESS(@"SEL$20" "JD1"@"SEL$20")
LEADING(@"SEL$20" "U1"@"SEL$20" "O1"@"SEL$20" "J1"@"SEL$20"
"JD1"@"SEL$20")
USE_NL(@"SEL$20" "O1"@"SEL$20")
USE_HASH(@"SEL$20" "J1"@"SEL$20")
USE_HASH(@"SEL$20" "JD1"@"SEL$20")
NO_ACCESS(@"SEL$1FB6C052" "DD"@"SEL$14")
FULL(@"SEL$1FB6C052" "D"@"SEL$15")
LEADING(@"SEL$1FB6C052" "DD"@"SEL$14" "D"@"SEL$15")
USE_HASH(@"SEL$1FB6C052" "D"@"SEL$15")

```

```

INDEX_RS_ASC(@"SEL$5F3F0374" "U"@SEL$18 ("USER$".NAME))
INDEX(@"SEL$5F3F0374" "O"@SEL$18 ("OBJ$".OWNER# "OBJ$".NAME
"OBJ$".NAMESPACE "OBJ$".REMOTEOWNER "OBJ$".LINKNAME
"OBJ$".SUBNAME "OBJ$".TYPE# "OBJ$".SPARE3 "OBJ$".OBJ#))
INDEX_RS_ASC(@"SEL$5F3F0374" "J1"@SEL$18 ("SCHEDULER$_JOB".OBJ#))
INDEX(@"SEL$5F3F0374" "W"@SEL$17 ("SCHEDULER$_WINDOW_GROUP".OBJ#))
INDEX(@"SEL$5F3F0374" "WG"@SEL$17 ("SCHEDULER$_WINGRP_MEMBER".OID
"SCHEDULER$_WINGRP_MEMBER".MEMBER_OID
"SCHEDULER$_WINGRP_MEMBER".MEMBER_OID2))
INDEX(@"SEL$5F3F0374" "D"@SEL$17 ("SCHEDULER$_DESTINATIONS".OBJ#))
INDEX(@"SEL$5F3F0374" "CMO"@SEL$17 ("OBJ$".OBJ# "OBJ$".OWNER#
"OBJ$".TYPE#))
INDEX(@"SEL$5F3F0374" "CMU"@SEL$17 ("USER$".USER# "USER$".TYPE#
"USER$".SPARE1 "USER$".SPARE2))
INDEX(@"SEL$5F3F0374" "WMO"@SEL$17 ("OBJ$".OBJ# "OBJ$".OWNER#
"OBJ$".TYPE#))
INDEX(@"SEL$5F3F0374" "WMU"@SEL$17 ("USER$".USER# "USER$".TYPE#
"USER$".SPARE1 "USER$".SPARE2))
LEADING(@"SEL$5F3F0374" "U"@SEL$18 "O"@SEL$18 "J1"@SEL$18
"W"@SEL$17 "WG"@SEL$17 "D"@SEL$17 "CMO"@SEL$17 "CMU"@SEL$17
"WMO"@SEL$17 "WMU"@SEL$17)
USE_NL(@"SEL$5F3F0374" "O"@SEL$18)
USE_NL(@"SEL$5F3F0374" "J1"@SEL$18)
USE_NL(@"SEL$5F3F0374" "W"@SEL$17)
USE_NL(@"SEL$5F3F0374" "WG"@SEL$17)
USE_NL(@"SEL$5F3F0374" "D"@SEL$17)
USE_NL(@"SEL$5F3F0374" "CMO"@SEL$17)
USE_NL(@"SEL$5F3F0374" "CMU"@SEL$17)
USE_NL(@"SEL$5F3F0374" "WMO"@SEL$17)
USE_NL(@"SEL$5F3F0374" "WMU"@SEL$17)
INDEX(@"SEL$19" "WM"@SEL$19 ("SCHEDULER$_WINGRP_MEMBER".OID
"SCHEDULER$_WINGRP_MEMBER".MEMBER_OID
"SCHEDULER$_WINGRP_MEMBER".MEMBER_OID2))
FULL(@"SEL$A065B7E5" "D"@SEL$28)
INDEX(@"SEL$A065B7E5" "O"@SEL$28 ("OBJ$".OBJ# "OBJ$".OWNER#
"OBJ$".TYPE#))
LEADING(@"SEL$A065B7E5" "D"@SEL$28 "O"@SEL$28)
USE_NL(@"SEL$A065B7E5" "O"@SEL$28)
NLJ_BATCHING(@"SEL$A065B7E5" "O"@SEL$28)
FULL(@"SEL$1C34B9A1" "D"@SEL$26)
INDEX(@"SEL$1C34B9A1" "AO"@SEL$26 ("OBJ$".OBJ# "OBJ$".OWNER#
"OBJ$".TYPE#))
INDEX_RS_ASC(@"SEL$1C34B9A1" "O"@SEL$26 ("OBJ$".OBJ#
"OBJ$".OWNER# "OBJ$".TYPE#))
INDEX(@"SEL$1C34B9A1" "U"@SEL$26 "I_USER#")
LEADING(@"SEL$1C34B9A1" "D"@SEL$26 "AO"@SEL$26 "O"@SEL$26
"U"@SEL$26)
USE_NL(@"SEL$1C34B9A1" "AO"@SEL$26)
USE_NL(@"SEL$1C34B9A1" "O"@SEL$26)
USE_NL(@"SEL$1C34B9A1" "U"@SEL$26)
INDEX_SS(@"SEL$24" "LO1"@SEL$24 ("SCHEDULER$_LWJOB_OBJ".USERID
"SCHEDULER$_LWJOB_OBJ".NAME "SCHEDULER$_LWJOB_OBJ".SUBNAME))

```

```

INDEX_FFS(@"SEL$23" "RO1"@"SEL$23" ("OBJ$"."OWNER#" "OBJ$"."NAME"
"OBJ$"."NAMESPACE" "OBJ$"."REMOTEOWNER" "OBJ$"."LINKNAME"
"OBJ$"."SUBNAME" "OBJ$"."TYPE#" "OBJ$"."SPARE3" "OBJ$"."OBJ#"))
FULL(@"SEL$22" "LJ1"@"SEL$22")
FULL(@"SEL$21" "RJ1"@"SEL$21")
END_OUTLINE_DATA

```

\*/

```

kestsDumpXpl(): dump explain plan(s): first type=sql profile
Explain Plan List:
Dumping plan with type=sql profile

```

```

=====
Plan Table
=====

```

```

-----+-----+
| Id | Operation | Name |
| Rows | Bytes | Cost | Time |
-----+-----+
| 0 | SELECT STATEMENT | | |
| 11 | 4554 | 97 | 00:00:02 |
| 1 | HASH JOIN OUTER | |
| 11 | 4554 | 97 | 00:00:02 |
| 2 | NESTED LOOPS | |
| 11 | 2860 | 36 | 00:00:01 |
| 3 | FILTER | |
| 4 | HASH JOIN OUTER | |
| 1 | 236 | 35 | 00:00:01 |
| 5 | NESTED LOOPS OUTER | |
| 11 | 2211 | 32 | 00:00:01 |
| 6 | FILTER | |
| 7 | NESTED LOOPS OUTER | |
| 1 | 124 | 24 | 00:00:01 |
| 8 | HASH JOIN | |
| 9 | 900 | 15 | 00:00:01 |
| 9 | TABLE ACCESS FULL | WRI$_ADV_PARAMETERS |
| 10 | TABLE ACCESS FULL | WRI$_ADV_TASKS |
| 11 | TABLE ACCESS BY INDEX ROWID | WRI$_ADV_PARAMETERS |
| 1 | 24 | 1 | 00:00:01 |
| 12 | INDEX UNIQUE SCAN | WRI$_ADV_PARAMETERS_PK |
| 1 | | 0 | 00:00:01 |
| 13 | VIEW | DBA_SCHEDULER_JOBS |
| 1 | 77 | 8 | 00:00:01 |
| 14 | UNION ALL PUSHED PREDICATE | |
| 15 | NESTED LOOPS OUTER | |
| 1 | 118 | 5 | 00:00:01 |

```

16		NESTED LOOPS					
1	113	4	00:00:01				
17		NESTED LOOPS					
1	63	3	00:00:01				
18		MERGE JOIN CARTESIAN					
1	30	1	00:00:01				
19		NESTED LOOPS					
1	17	1	00:00:01				
20		TABLE ACCESS BY INDEX ROWID					
USERS\$			1	17	1	00:00:01	
21		INDEX UNIQUE SCAN				I_USER1	
1		0	00:00:01				
22		FIXED TABLE FULL				X\$KCCDI2	
1		0	00:00:01				
23		BUFFER SORT					
1	13	1	00:00:01				
24		FIXED TABLE FULL				X\$KCCDI	
1	13	0	00:00:01				
25		INDEX RANGE SCAN				I_OBJ2	
1	33	2	00:00:01				
26		TABLE ACCESS BY INDEX ROWID				SCHEDULER\$_JOB	
1	50	1	00:00:01				
27		INDEX UNIQUE SCAN				SCHEDULER\$_JOB_PK	
1		0	00:00:01				
28		INDEX RANGE SCAN				I_OBJ1	
1	5	1	00:00:01				
29		NESTED LOOPS					
1	182	3	00:00:01				
30		NESTED LOOPS OUTER					
1	173	2	00:00:01				
31		NESTED LOOPS					
1	168	1	00:00:01				
32		NESTED LOOPS					
1	60	1	00:00:01				
33		TABLE ACCESS BY INDEX ROWID					
USERS\$			1	17	1	00:00:01	
34		INDEX UNIQUE SCAN				I_USER1	
1		0	00:00:01				
35		TABLE ACCESS BY INDEX ROWID				SCHEDULER\$_LWJOB_OBJ	
1	43	0	00:00:01				
36		INDEX RANGE SCAN				SCHEDULER\$_LOBJ_UK	
1		0	00:00:01				
37		TABLE ACCESS BY INDEX ROWID					
SCHEDULER\$_LIGHTWEIGHT_JOB			1	108	0	00:00:01	
38		INDEX UNIQUE SCAN				SCHEDULER\$_LWJOB_PK	
1		0	00:00:01				
39		INDEX RANGE SCAN				I_OBJ1	
1	5	1	00:00:01				
40		INDEX RANGE SCAN				I_OBJ1	
1	9	1	00:00:01				
41		TABLE ACCESS FULL				WRI\$_ADV_EXECUTIONS	
26	910	3	00:00:01				
42		TABLE ACCESS BY INDEX ROWID				WRI\$_ADV_PARAMETERS	
9	216	1	00:00:01				

43		INDEX UNIQUE SCAN				WRI\$ADV_PARAMETERS_PK
	1		0	00:00:01		
44		VIEW				
	7	1078	61	00:00:01		
45		NESTED LOOPS OUTER				
	7	553	61	00:00:01		
46		HASH JOIN				
	7	518	54	00:00:01		
47		VIEW				VW_NSO_1
	41	533	48	00:00:01		
48		HASH UNIQUE				
	41	2296	48	00:00:01		
49		WINDOW SORT				
	41	2296	48	00:00:01		
50		NESTED LOOPS OUTER				
	41	2296	46	00:00:01		
51		TABLE ACCESS FULL				SCHEDULER\$EVENT_LOG
	41	2091	5	00:00:01		
52		INDEX RANGE SCAN				I_OBJ1
	1	5	1	00:00:01		
53		TABLE ACCESS FULL				SCHEDULER\$EVENT_LOG
	41	2501	5	00:00:01		
54		INDEX RANGE SCAN				I_OBJ1
	1	5	1	00:00:01		

```

-----+-----+
          Explain Plan (sql profile): hash=1033803839 hash2=2819594961
cost=97.072088
Plan Status:
  status=(pst=ERROR)

```

-----  
Outline plan information  
-----

Outline data:

----- Dump of outline -----

/\*+

```

BEGIN OUTLINE_DATA
  IGNORE_OPTIM_EMBEDDED_HINTS
  OPTIMIZER_FEATURES_ENABLE('11.2.0.2')
  DB_VERSION('11.2.0.2')
  OPT_PARAM('result_cache_mode' 'FORCE')
  ALL_ROWS
  OUTLINE_LEAF(@"SEL$19")
  OUTLINE_LEAF(@"SEL$5F3F0374")
  ELIMINATE_JOIN(@"SEL$813C1359" "AD"@"SEL$17")
  OUTLINE_LEAF(@"SEL$1FB6C052")
  MERGE(@"SEL$15")
  OUTLINE_LEAF(@"SEL$21")
  OUTLINE_LEAF(@"SEL$22")
  OUTLINE_LEAF(@"SET$3")
  OUTLINE_LEAF(@"SEL$23")
  OUTLINE_LEAF(@"SEL$24")
  OUTLINE_LEAF(@"SET$4")

```



OUTLINE\_LEAF(@"SEL\$1C34B9A1")  
ELIMINATE\_JOIN(@"SEL\$95423B40" "AD"@"SEL\$26")  
OUTLINE\_LEAF(@"SEL\$A065B7E5")  
MERGE(@"SEL\$28")  
OUTLINE\_LEAF(@"SET\$5")  
OUTLINE\_LEAF(@"SEL\$20")  
OUTLINE\_LEAF(@"SET\$2")  
OUTLINE\_LEAF(@"SEL\$13")  
OUTLINE\_LEAF(@"SEL\$583C4D64")  
OUTLINE\_LEAF(@"SEL\$CBADD118")  
OUTLINE\_LEAF(@"SET\$5715CE2E")  
PUSH\_PRED(@"SEL\$E6BC9F71" "J"@"SEL\$2" 6 5)  
OUTLINE\_LEAF(@"SEL\$916FDCC7")  
OUTLINE\_LEAF(@"SEL\$3CE29736")  
UNNEST(@"SEL\$5F9076AD")  
OUTLINE\_LEAF(@"SEL\$E6BC9F71")  
MERGE(@"SEL\$7A2E2F34")  
OUTLINE(@"SEL\$813C1359")  
MERGE(@"SEL\$17")  
MERGE(@"SEL\$18")  
OUTLINE(@"SEL\$14")  
OUTLINE(@"SEL\$15")  
OUTLINE(@"SEL\$95423B40")  
MERGE(@"SEL\$26")  
OUTLINE(@"SEL\$27")  
OUTLINE(@"SEL\$28")  
OUTLINE(@"SEL\$20EAEDCE")  
MERGE(@"SEL\$F7A62D4D")  
OUTLINE(@"SEL\$31")  
OUTLINE(@"SET\$1")  
OUTLINE(@"SEL\$E6BC9F71")  
MERGE(@"SEL\$7A2E2F34")  
OUTLINE(@"SEL\$5F9076AD")  
MERGE(@"SEL\$35")  
OUTLINE(@"SEL\$9CF1E98E")  
MERGE(@"SEL\$33")  
OUTLINE(@"SEL\$1")  
OUTLINE(@"SEL\$7A2E2F34")  
MERGE(@"SEL\$A76401BB")  
OUTLINE(@"SEL\$16")  
OUTLINE(@"SEL\$17")  
OUTLINE(@"SEL\$18")  
OUTLINE(@"SEL\$25")  
OUTLINE(@"SEL\$26")  
OUTLINE(@"SEL\$12")  
OUTLINE(@"SEL\$F7A62D4D")  
MERGE(@"SEL\$30")  
OUTLINE(@"SEL\$34")  
OUTLINE(@"SEL\$35")  
OUTLINE(@"SEL\$32")  
OUTLINE(@"SEL\$33")  
OUTLINE(@"SEL\$2")  
OUTLINE(@"SEL\$A76401BB")  
MERGE(@"SEL\$285A8194")

```

MERGE (@"SEL$68B588A0")
MERGE (@"SEL$7286615E")
MERGE (@"SEL$CF5359D5")
OUTLINE (@"SEL$29")
OUTLINE (@"SEL$30")
OUTLINE (@"SEL$3")
OUTLINE (@"SEL$285A8194")
MERGE (@"SEL$11")
OUTLINE (@"SEL$68B588A0")
MERGE (@"SEL$7")
OUTLINE (@"SEL$7286615E")
MERGE (@"SEL$5")
OUTLINE (@"SEL$CF5359D5")
MERGE (@"SEL$9")
OUTLINE (@"SEL$10")
OUTLINE (@"SEL$11")
OUTLINE (@"SEL$6")
OUTLINE (@"SEL$7")
OUTLINE (@"SEL$4")
OUTLINE (@"SEL$5")
OUTLINE (@"SEL$8")
OUTLINE (@"SEL$9")
FULL (@"SEL$E6BC9F71" "A"@"SEL$9")
FULL (@"SEL$E6BC9F71" "A"@"SEL$5")
INDEX_RS_ASC (@"SEL$E6BC9F71" "A"@"SEL$11")
("WRIS_ADV_PARAMETERS"."TASK_ID" "WRIS_ADV_PARAMETERS"."NAME"))
NO_ACCESS (@"SEL$E6BC9F71" "J"@"SEL$2")
FULL (@"SEL$E6BC9F71" "E"@"SEL$5")
INDEX_RS_ASC (@"SEL$E6BC9F71" "A"@"SEL$7")
("WRIS_ADV_PARAMETERS"."TASK_ID" "WRIS_ADV_PARAMETERS"."NAME"))
NO_ACCESS (@"SEL$E6BC9F71" "JL"@"SEL$1")
LEADING (@"SEL$E6BC9F71" "A"@"SEL$9" "A"@"SEL$5" "A"@"SEL$11"
"J"@"SEL$2" "E"@"SEL$5" "A"@"SEL$7" "JL"@"SEL$1")
USE_HASH (@"SEL$E6BC9F71" "A"@"SEL$5")
USE_NL (@"SEL$E6BC9F71" "A"@"SEL$11")
USE_NL (@"SEL$E6BC9F71" "J"@"SEL$2")
USE_HASH (@"SEL$E6BC9F71" "E"@"SEL$5")
USE_NL (@"SEL$E6BC9F71" "A"@"SEL$7")
USE_HASH (@"SEL$E6BC9F71" "JL"@"SEL$1")
NO_ACCESS (@"SEL$3CE29736" "VW_NSO_1"@"SEL$3CE29736")
FULL (@"SEL$3CE29736" "E"@"SEL$33")
INDEX (@"SEL$3CE29736" "CO"@"SEL$33" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
LEADING (@"SEL$3CE29736" "VW_NSO_1"@"SEL$3CE29736" "E"@"SEL$33"
"CO"@"SEL$33")
USE_HASH (@"SEL$3CE29736" "E"@"SEL$33")
USE_NL (@"SEL$3CE29736" "CO"@"SEL$33")
FULL (@"SEL$916FDCC7" "E"@"SEL$35")
INDEX (@"SEL$916FDCC7" "CO"@"SEL$35" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
LEADING (@"SEL$916FDCC7" "E"@"SEL$35" "CO"@"SEL$35")
USE_NL (@"SEL$916FDCC7" "CO"@"SEL$35")
USE_HASH_AGGREGATION (@"SEL$916FDCC7")
INDEX_RS_ASC (@"SEL$CBADD118" "LU"@"SEL$31" ("USER$"."NAME"))

```

```

INDEX_RS_ASC(@"SEL$CBADD118" "LO"@"SEL$31"
("SCHEDULER$_LWJOB_OBJ"."USERID" "SCHEDULER$_LWJOB_OBJ"."NAME"
"SCHEDULER$_LWJOB_OBJ"."SUBNAME"))
INDEX_RS_ASC(@"SEL$CBADD118" "L"@"SEL$31"
("SCHEDULER$_LIGHTWEIGHT_JOB"."OBJ#"))
INDEX(@"SEL$CBADD118" "LCO"@"SEL$31" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX(@"SEL$CBADD118" "PO"@"SEL$31" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
LEADING(@"SEL$CBADD118" "LU"@"SEL$31" "LO"@"SEL$31" "L"@"SEL$31"
"LCO"@"SEL$31" "PO"@"SEL$31")
USE_NL(@"SEL$CBADD118" "LO"@"SEL$31")
USE_NL(@"SEL$CBADD118" "L"@"SEL$31")
USE_NL(@"SEL$CBADD118" "LCO"@"SEL$31")
USE_NL(@"SEL$CBADD118" "PO"@"SEL$31")
INDEX_RS_ASC(@"SEL$583C4D64" "JU"@"SEL$12" ("USER$"."NAME"))
FULL(@"SEL$583C4D64" "DI2"@"SEL$30")
FULL(@"SEL$583C4D64" "DI"@"SEL$30")
INDEX(@"SEL$583C4D64" "JO"@"SEL$12" ("OBJ$"."OWNER#" "OBJ$"."NAME"
"OBJ$"."NAMESPACE" "OBJ$"."REMOTEOWNER" "OBJ$"."LINKNAME"
"OBJ$"."SUBNAME" "OBJ$"."TYPE#" "OBJ$"."SPARE3" "OBJ$"."OBJ#"))
INDEX_RS_ASC(@"SEL$583C4D64" "J"@"SEL$12" ("SCHEDULER$_JOB"."OBJ#"))
INDEX(@"SEL$583C4D64" "CO"@"SEL$12" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
LEADING(@"SEL$583C4D64" "JU"@"SEL$12" "DI2"@"SEL$30" "DI"@"SEL$30"
"JO"@"SEL$12" "J"@"SEL$12" "CO"@"SEL$12")
USE_NL(@"SEL$583C4D64" "DI2"@"SEL$30")
USE_MERGE_CARTESIAN(@"SEL$583C4D64" "DI"@"SEL$30")
USE_NL(@"SEL$583C4D64" "JO"@"SEL$12")
USE_NL(@"SEL$583C4D64" "J"@"SEL$12")
USE_NL(@"SEL$583C4D64" "CO"@"SEL$12")
NO_ACCESS(@"SEL$13" "DJD"@"SEL$13")
INDEX_RS_ASC(@"SEL$20" "U1"@"SEL$20" ("USER$"."NAME"))
NO_ACCESS(@"SEL$20" "O1"@"SEL$20")
NO_ACCESS(@"SEL$20" "J1"@"SEL$20")
NO_ACCESS(@"SEL$20" "JD1"@"SEL$20")
LEADING(@"SEL$20" "U1"@"SEL$20" "O1"@"SEL$20" "J1"@"SEL$20"
"JD1"@"SEL$20")
USE_NL(@"SEL$20" "O1"@"SEL$20")
USE_HASH(@"SEL$20" "J1"@"SEL$20")
USE_HASH(@"SEL$20" "JD1"@"SEL$20")
NO_ACCESS(@"SEL$1FB6C052" "DD"@"SEL$14")
FULL(@"SEL$1FB6C052" "D"@"SEL$15")
LEADING(@"SEL$1FB6C052" "DD"@"SEL$14" "D"@"SEL$15")
USE_HASH(@"SEL$1FB6C052" "D"@"SEL$15")
INDEX_RS_ASC(@"SEL$5F3F0374" "U"@"SEL$18" ("USER$"."NAME"))
INDEX(@"SEL$5F3F0374" "O"@"SEL$18" ("OBJ$"."OWNER#" "OBJ$"."NAME"
"OBJ$"."NAMESPACE" "OBJ$"."REMOTEOWNER" "OBJ$"."LINKNAME"
"OBJ$"."SUBNAME" "OBJ$"."TYPE#" "OBJ$"."SPARE3" "OBJ$"."OBJ#"))
INDEX_RS_ASC(@"SEL$5F3F0374" "J1"@"SEL$18" ("SCHEDULER$_JOB"."OBJ#"))
INDEX(@"SEL$5F3F0374" "W"@"SEL$17" ("SCHEDULER$_WINDOW_GROUP"."OBJ#"))
INDEX(@"SEL$5F3F0374" "WG"@"SEL$17" ("SCHEDULER$_WINGRP_MEMBER"."OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID2"))

```

```

INDEX(@"SEL$5F3F0374" "D"@SEL$17" ("SCHEDULER$_DESTINATIONS"."OBJ#"))
INDEX(@"SEL$5F3F0374" "CMO"@SEL$17" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX(@"SEL$5F3F0374" "CMU"@SEL$17" ("USER$"."USER#" "USER$"."TYPE#"
"USER$"."SPARE1" "USER$"."SPARE2"))
INDEX(@"SEL$5F3F0374" "WMO"@SEL$17" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX(@"SEL$5F3F0374" "WMU"@SEL$17" ("USER$"."USER#" "USER$"."TYPE#"
"USER$"."SPARE1" "USER$"."SPARE2"))
LEADING(@"SEL$5F3F0374" "U"@SEL$18" "O"@SEL$18" "J1"@SEL$18"
"W"@SEL$17" "WG"@SEL$17" "D"@SEL$17" "CMO"@SEL$17" "CMU"@SEL$17"
"WMO"@SEL$17" "WMU"@SEL$17")
USE_NL(@"SEL$5F3F0374" "O"@SEL$18")
USE_NL(@"SEL$5F3F0374" "J1"@SEL$18")
USE_NL(@"SEL$5F3F0374" "W"@SEL$17")
USE_NL(@"SEL$5F3F0374" "WG"@SEL$17")
USE_NL(@"SEL$5F3F0374" "D"@SEL$17")
USE_NL(@"SEL$5F3F0374" "CMO"@SEL$17")
USE_NL(@"SEL$5F3F0374" "CMU"@SEL$17")
USE_NL(@"SEL$5F3F0374" "WMO"@SEL$17")
USE_NL(@"SEL$5F3F0374" "WMU"@SEL$17")
INDEX(@"SEL$19" "WM"@SEL$19" ("SCHEDULER$_WINGRP_MEMBER"."OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID2"))
FULL(@"SEL$A065B7E5" "D"@SEL$28")
INDEX(@"SEL$A065B7E5" "O"@SEL$28" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
LEADING(@"SEL$A065B7E5" "D"@SEL$28" "O"@SEL$28")
USE_NL(@"SEL$A065B7E5" "O"@SEL$28")
NLJ_BATCHING(@"SEL$A065B7E5" "O"@SEL$28")
FULL(@"SEL$1C34B9A1" "D"@SEL$26")
INDEX(@"SEL$1C34B9A1" "AO"@SEL$26" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX_RS_ASC(@"SEL$1C34B9A1" "O"@SEL$26" ("OBJ$"."OBJ#"
"OBJ$"."OWNER#" "OBJ$"."TYPE#"))
INDEX(@"SEL$1C34B9A1" "U"@SEL$26" "I_USER#")
LEADING(@"SEL$1C34B9A1" "D"@SEL$26" "AO"@SEL$26" "O"@SEL$26"
"U"@SEL$26")
USE_NL(@"SEL$1C34B9A1" "AO"@SEL$26")
USE_NL(@"SEL$1C34B9A1" "O"@SEL$26")
USE_NL(@"SEL$1C34B9A1" "U"@SEL$26")
INDEX_SS(@"SEL$24" "LO1"@SEL$24" ("SCHEDULER$_LWJOB_OBJ"."USERID"
"SCHEDULER$_LWJOB_OBJ"."NAME" "SCHEDULER$_LWJOB_OBJ"."SUBNAME"))
INDEX_FFS(@"SEL$23" "RO1"@SEL$23" ("OBJ$"."OWNER#" "OBJ$"."NAME"
"OBJ$"."NAMESPACE" "OBJ$"."REMOTEOWNER" "OBJ$"."LINKNAME"
"OBJ$"."SUBNAME" "OBJ$"."TYPE#" "OBJ$"."SPARE3" "OBJ$"."OBJ#"))
FULL(@"SEL$22" "LJ1"@SEL$22")
FULL(@"SEL$21" "RJ1"@SEL$21")
END_OUTLINE_DATA

```

\*/

```

kestsFinalRound() exit: error=0 msg=
kestsDumpRsrcSet(): Dumping Resource Set Type=auto-tune
*****

```

```

kestsRsrcSet
  Exec count:          1063
  CR gets:            179887
  CU gets:            0
  Disk Reads:         101
  Disk Writes:        0
  IO Read Requests:   365
  IO Write Requests:  0
  Bytes Read:         5218304
  Bytes Written:       0
  Bytes Exchanged with Storage: 5218304
  Bytes Exchanged with Disk: 5218304
  Bytes Simulated Read: 0
  Bytes Simulated Returned: 0
  Elapsed Time: 18 (s)
  CPU Time: 14 (s)
  User I/O Time: 1092 (ms)
  kestdsaAutoTuneSql(): exit
  kestdsaGenApaPlans(): enter
kesdsStrategyDriver(): enter
kesdsCompilePlanDirective(): enter
Compiling SQL with the following plan directive:
  kesdsDumpPlanDirective()
    directive type=hint hint=OPTIMIZER_FEATURES_ENABLE('11.2.0.2')
kesqsMakeSelfBinds(value): pos=1 bind=0x00000000271DBF48 dty=1
data=0x0000000021469CE8 len=1
kesqsMakeSelfBinds(value): pos=2 bind=0x00000000271DBEE0 dty=1
data=0x0000000021469D08 len=1
kesqsMakeSelfBinds(value): pos=3 bind=0x00000000271DBE78 dty=2
data=0x0000000021469D28 len=2
kesqsMakeSelfBinds(value): pos=4 bind=0x00000000271DBE10 dty=2
data=0x0000000021469D40 len=2
kesqsMakeSelfBinds(value): pos=5 bind=0x00000000271DBDA8 dty=2
data=0x0000000021469D58 len=6
Resulting plan has phv=1499986165
kesdsCompilePlanDirective(): exit
kesdsCompilePlanDirective(): enter
Compiling SQL with the following plan directive:
  kesdsDumpPlanDirective()
    directive type=hint hint=OPTIMIZER_FEATURES_ENABLE('11.2.0.1')

*** 2013-01-09 23:53:52.819
kesqsMakeSelfBinds(value): pos=1 bind=0x000000002311CD50 dty=1
data=0x0000000021469CE8 len=1
kesqsMakeSelfBinds(value): pos=2 bind=0x000000002311CCE8 dty=1
data=0x0000000021469D08 len=1
kesqsMakeSelfBinds(value): pos=3 bind=0x000000002311CC80 dty=2
data=0x0000000021469D28 len=2
kesqsMakeSelfBinds(value): pos=4 bind=0x000000002311CC18 dty=2
data=0x0000000021469D40 len=2
kesqsMakeSelfBinds(value): pos=5 bind=0x000000002311CBB0 dty=2
data=0x0000000021469D58 len=6
Resulting plan has phv=1499986165
kesdsCompilePlanDirective(): exit

```

```
kesdsCompilePlanDirective(): enter
Compiling SQL with the following plan directive:
  kesdsDumpPlanDirective()
    directive type=hint hint=OPTIMIZER_FEATURES_ENABLE('11.1.0.7')
kesqsMakeSelfBinds(value): pos=1 bind=0x00000000218076F0 dty=1
data=0x0000000021469CE8 len=1
kesqsMakeSelfBinds(value): pos=2 bind=0x0000000021807688 dty=1
data=0x0000000021469D08 len=1
kesqsMakeSelfBinds(value): pos=3 bind=0x0000000021807620 dty=2
data=0x0000000021469D28 len=2
kesqsMakeSelfBinds(value): pos=4 bind=0x00000000218075B8 dty=2
data=0x0000000021469D40 len=2
kesqsMakeSelfBinds(value): pos=5 bind=0x0000000021807550 dty=2
data=0x0000000021469D58 len=6
Resulting plan has phv=1499986165
kesdsCompilePlanDirective(): exit
kesdsCompilePlanDirective(): enter
Compiling SQL with the following plan directive:
  kesdsDumpPlanDirective()
    directive type=hint hint=OPTIMIZER_FEATURES_ENABLE('11.1.0.6')

*** 2013-01-09 23:53:53.956
kesqsMakeSelfBinds(value): pos=1 bind=0x00000000278B4A40 dty=1
data=0x0000000021469CE8 len=1
kesqsMakeSelfBinds(value): pos=2 bind=0x00000000278B49D8 dty=1
data=0x0000000021469D08 len=1
kesqsMakeSelfBinds(value): pos=3 bind=0x00000000278B4970 dty=2
data=0x0000000021469D28 len=2
kesqsMakeSelfBinds(value): pos=4 bind=0x00000000278B4908 dty=2
data=0x0000000021469D40 len=2
kesqsMakeSelfBinds(value): pos=5 bind=0x00000000278B48A0 dty=2
data=0x0000000021469D58 len=6
Resulting plan has phv=1499986165
kesdsCompilePlanDirective(): exit
kesdsCompilePlanDirective(): enter
Compiling SQL with the following plan directive:
  kesdsDumpPlanDirective()
    directive type=hint hint=OPTIMIZER_FEATURES_ENABLE('10.2.0.5')
kesqsMakeSelfBinds(value): pos=1 bind=0x000000002320FF60 dty=1
data=0x0000000021469CE8 len=1
kesqsMakeSelfBinds(value): pos=2 bind=0x000000002320FEF8 dty=1
data=0x0000000021469D08 len=1
kesqsMakeSelfBinds(value): pos=3 bind=0x000000002320FE90 dty=2
data=0x0000000021469D28 len=2
kesqsMakeSelfBinds(value): pos=4 bind=0x000000002320FE28 dty=2
data=0x0000000021469D40 len=2
kesqsMakeSelfBinds(value): pos=5 bind=0x000000002320FDC0 dty=2
data=0x0000000021469D58 len=6
Resulting plan has phv=1499986165
kesdsCompilePlanDirective(): exit
kesdsCompilePlanDirective(): enter
Compiling SQL with the following plan directive:
  kesdsDumpPlanDirective()
    directive type=hint hint=OPTIMIZER_FEATURES_ENABLE('10.2.0.4')
```

```
*** 2013-01-09 23:53:54.872
kesqsMakeSelfBinds(value): pos=1 bind=0x000000002788B770 dty=1
data=0x0000000021469CE8 len=1
kesqsMakeSelfBinds(value): pos=2 bind=0x000000002788B708 dty=1
data=0x0000000021469D08 len=1
kesqsMakeSelfBinds(value): pos=3 bind=0x000000002788B6A0 dty=2
data=0x0000000021469D28 len=2
kesqsMakeSelfBinds(value): pos=4 bind=0x000000002788B638 dty=2
data=0x0000000021469D40 len=2
kesqsMakeSelfBinds(value): pos=5 bind=0x000000002788B5D0 dty=2
data=0x0000000021469D58 len=6
Resulting plan has phv=1499986165
kesdsCompilePlanDirective(): exit
kesdsCompilePlanDirective(): enter
Compiling SQL with the following plan directive:
  kesdsDumpPlanDirective()
    directive type=hint hint=OPTIMIZER_FEATURES_ENABLE('10.2.0.3')
kesqsMakeSelfBinds(value): pos=1 bind=0x00000000275FAE98 dty=1
data=0x0000000021469CE8 len=1
kesqsMakeSelfBinds(value): pos=2 bind=0x00000000275FAE30 dty=1
data=0x0000000021469D08 len=1
kesqsMakeSelfBinds(value): pos=3 bind=0x00000000275FADC8 dty=2
data=0x0000000021469D28 len=2
kesqsMakeSelfBinds(value): pos=4 bind=0x00000000275FAD60 dty=2
data=0x0000000021469D40 len=2
kesqsMakeSelfBinds(value): pos=5 bind=0x00000000275FACF8 dty=2
data=0x0000000021469D58 len=6
Resulting plan has phv=1499986165
kesdsCompilePlanDirective(): exit
kesdsCompilePlanDirective(): enter
Compiling SQL with the following plan directive:
  kesdsDumpPlanDirective()
    directive type=hint hint=OPTIMIZER_FEATURES_ENABLE('10.2.0.2')
kesqsMakeSelfBinds(value): pos=1 bind=0x000000002151AE98 dty=1
data=0x0000000021469CE8 len=1
kesqsMakeSelfBinds(value): pos=2 bind=0x000000002151AE30 dty=1
data=0x0000000021469D08 len=1
kesqsMakeSelfBinds(value): pos=3 bind=0x000000002151ADC8 dty=2
data=0x0000000021469D28 len=2
kesqsMakeSelfBinds(value): pos=4 bind=0x000000002151AD60 dty=2
data=0x0000000021469D40 len=2
kesqsMakeSelfBinds(value): pos=5 bind=0x000000002151ACF8 dty=2
data=0x0000000021469D58 len=6
Resulting plan has phv=1499986165
kesdsCompilePlanDirective(): exit
kesdsCompilePlanDirective(): enter
Compiling SQL with the following plan directive:
  kesdsDumpPlanDirective()
    directive type=hint hint=OPTIMIZER_FEATURES_ENABLE('10.2.0.1')
kesqsMakeSelfBinds(value): pos=1 bind=0x00000000277CBEE8 dty=1
data=0x0000000021469CE8 len=1
kesqsMakeSelfBinds(value): pos=2 bind=0x00000000277CBE80 dty=1
data=0x0000000021469D08 len=1
```

```
kesqsMakeSelfBinds(value): pos=3 bind=0x00000000277CBE18 dty=2
data=0x0000000021469D28 len=2
kesqsMakeSelfBinds(value): pos=4 bind=0x00000000277CBDB0 dty=2
data=0x0000000021469D40 len=2
kesqsMakeSelfBinds(value): pos=5 bind=0x00000000277CBD48 dty=2
data=0x0000000021469D58 len=6
Resulting plan has phv=1499986165
kesdsCompilePlanDirective(): exit
kesdsCompilePlanDirective(): enter
Compiling SQL with the following plan directive:
  kesdsDumpPlanDirective()
    directive type=hint hint=OPTIMIZER_FEATURES_ENABLE('10.1.0.5')
```

```
*** 2013-01-09 23:53:55.849
```

```
kesqsMakeSelfBinds(value): pos=1 bind=0x00000000215BBEE8 dty=1
data=0x0000000021469CE8 len=1
kesqsMakeSelfBinds(value): pos=2 bind=0x00000000215BBE80 dty=1
data=0x0000000021469D08 len=1
kesqsMakeSelfBinds(value): pos=3 bind=0x00000000215BBE18 dty=2
data=0x0000000021469D28 len=2
kesqsMakeSelfBinds(value): pos=4 bind=0x00000000215BBDB0 dty=2
data=0x0000000021469D40 len=2
kesqsMakeSelfBinds(value): pos=5 bind=0x00000000215BBD48 dty=2
data=0x0000000021469D58 len=6
Resulting plan has phv=1499986165
kesdsCompilePlanDirective(): exit
kesdsCompilePlanDirective(): enter
Compiling SQL with the following plan directive:
  kesdsDumpPlanDirective()
    directive type=hint hint=OPTIMIZER_FEATURES_ENABLE('10.1.0.4')
```

```
kesqsMakeSelfBinds(value): pos=1 bind=0x000000002154FF60 dty=1
data=0x0000000021469CE8 len=1
kesqsMakeSelfBinds(value): pos=2 bind=0x000000002154FEF8 dty=1
data=0x0000000021469D08 len=1
kesqsMakeSelfBinds(value): pos=3 bind=0x000000002154FE90 dty=2
data=0x0000000021469D28 len=2
kesqsMakeSelfBinds(value): pos=4 bind=0x000000002154FE28 dty=2
data=0x0000000021469D40 len=2
kesqsMakeSelfBinds(value): pos=5 bind=0x000000002154FDC0 dty=2
data=0x0000000021469D58 len=6
Resulting plan has phv=1499986165
kesdsCompilePlanDirective(): exit
kesdsCompilePlanDirective(): enter
Compiling SQL with the following plan directive:
  kesdsDumpPlanDirective()
```

```
    directive type=hint hint=OPTIMIZER_FEATURES_ENABLE('10.1.0.3')
kesqsMakeSelfBinds(value): pos=1 bind=0x00000000214C7E70 dty=1
data=0x0000000021469CE8 len=1
kesqsMakeSelfBinds(value): pos=2 bind=0x00000000214C7E08 dty=1
data=0x0000000021469D08 len=1
kesqsMakeSelfBinds(value): pos=3 bind=0x00000000214C7DA0 dty=2
data=0x0000000021469D28 len=2
kesqsMakeSelfBinds(value): pos=4 bind=0x00000000214C7D38 dty=2
data=0x0000000021469D40 len=2
```



```
kesqsMakeSelfBinds(value): pos=5 bind=0x00000000214C7CD0 dty=2
data=0x0000000021469D58 len=6
Resulting plan has phv=1499986165
kesdsCompilePlanDirective(): exit
kesdsCompilePlanDirective(): enter
Compiling SQL with the following plan directive:
  kesdsDumpPlanDirective()
    directive type=hint hint=OPTIMIZER_FEATURES_ENABLE('10.1.0')
kesqsMakeSelfBinds(value): pos=1 bind=0x000000001E607E70 dty=1
data=0x0000000021469CE8 len=1
kesqsMakeSelfBinds(value): pos=2 bind=0x000000001E607E08 dty=1
data=0x0000000021469D08 len=1
kesqsMakeSelfBinds(value): pos=3 bind=0x000000001E607DA0 dty=2
data=0x0000000021469D28 len=2
kesqsMakeSelfBinds(value): pos=4 bind=0x000000001E607D38 dty=2
data=0x0000000021469D40 len=2
kesqsMakeSelfBinds(value): pos=5 bind=0x000000001E607CD0 dty=2
data=0x0000000021469D58 len=6
Resulting plan has phv=1499986165
kesdsCompilePlanDirective(): exit
kesdsCompilePlanDirective(): enter
Compiling SQL with the following plan directive:
  kesdsDumpPlanDirective()
    directive type=hint hint=OPTIMIZER_FEATURES_ENABLE('9.2.0.8')

*** 2013-01-09 23:53:56.768
kesqsMakeSelfBinds(value): pos=1 bind=0x00000000214DB6F0 dty=1
data=0x0000000021469CE8 len=1
kesqsMakeSelfBinds(value): pos=2 bind=0x00000000214DB688 dty=1
data=0x0000000021469D08 len=1
kesqsMakeSelfBinds(value): pos=3 bind=0x00000000214DB620 dty=2
data=0x0000000021469D28 len=2
kesqsMakeSelfBinds(value): pos=4 bind=0x00000000214DB5B8 dty=2
data=0x0000000021469D40 len=2
kesqsMakeSelfBinds(value): pos=5 bind=0x00000000214DB550 dty=2
data=0x0000000021469D58 len=6
Resulting plan has phv=1499986165
kesdsCompilePlanDirective(): exit
kesdsCompilePlanDirective(): enter
Compiling SQL with the following plan directive:
  kesdsDumpPlanDirective()
    directive type=hint hint=OPTIMIZER_FEATURES_ENABLE('9.2.0')
kesqsMakeSelfBinds(value): pos=1 bind=0x0000000021587678 dty=1
data=0x0000000021469CE8 len=1
kesqsMakeSelfBinds(value): pos=2 bind=0x0000000021587610 dty=1
data=0x0000000021469D08 len=1
kesqsMakeSelfBinds(value): pos=3 bind=0x00000000215875A8 dty=2
data=0x0000000021469D28 len=2
kesqsMakeSelfBinds(value): pos=4 bind=0x0000000021587540 dty=2
data=0x0000000021469D40 len=2
kesqsMakeSelfBinds(value): pos=5 bind=0x00000000215874D8 dty=2
data=0x0000000021469D58 len=6
Resulting plan has phv=1499986165
kesdsCompilePlanDirective(): exit
```

```
kesdsCompilePlanDirective(): enter
Compiling SQL with the following plan directive:
  kesdsDumpPlanDirective()
    directive type=hint hint=OPTIMIZER_FEATURES_ENABLE('9.0.0')
kesqsMakeSelfBinds(value): pos=1 bind=0x00000000274F7E70 dty=1
data=0x0000000021469CE8 len=1
kesqsMakeSelfBinds(value): pos=2 bind=0x00000000274F7E08 dty=1
data=0x0000000021469D08 len=1
kesqsMakeSelfBinds(value): pos=3 bind=0x00000000274F7DA0 dty=2
data=0x0000000021469D28 len=2
kesqsMakeSelfBinds(value): pos=4 bind=0x00000000274F7D38 dty=2
data=0x0000000021469D40 len=2
kesqsMakeSelfBinds(value): pos=5 bind=0x00000000274F7CD0 dty=2
data=0x0000000021469D58 len=6
Resulting plan has phv=1499986165
kesdsCompilePlanDirective(): exit
kesdsCompilePlanDirective(): enter
Compiling SQL with the following plan directive:
  kesdsDumpPlanDirective()
    directive type=hint hint=OPTIMIZER_FEATURES_ENABLE('8.1.7')
kesqsMakeSelfBinds(no_value): pos=1 bind=0x000000002155F708
oac=0x000007FF1915C670 oacflg=33 oacfl2=0 dty=1
kesqsMakeSelfBinds(no_value): pos=2 bind=0x000000002155F6A0
oac=0x000007FF1915C6A0 oacflg=33 oacfl2=0 dty=1
kesqsMakeSelfBinds(no_value): pos=3 bind=0x000000002155F638
oac=0x000007FF1915C6D0 oacflg=17 oacfl2=0 dty=2
kesqsMakeSelfBinds(no_value): pos=4 bind=0x000000002155F5D0
oac=0x000007FF1915C700 oacflg=17 oacfl2=0 dty=2
kesqsMakeSelfBinds(no_value): pos=5 bind=0x000000002155F568
oac=0x000007FF1915C730 oacflg=17 oacfl2=0 dty=2
Resulting plan has phv=1499986165
kesdsCompilePlanDirective(): exit
kesdsCompilePlanDirective(): enter
Compiling SQL with the following plan directive:
  kesdsDumpPlanDirective()
    directive type=hint hint=OPTIMIZER_FEATURES_ENABLE('8.1.6')
kesqsMakeSelfBinds(no_value): pos=1 bind=0x000000001F0976D8
oac=0x000007FF1915C670 oacflg=33 oacfl2=0 dty=1
kesqsMakeSelfBinds(no_value): pos=2 bind=0x000000001F097670
oac=0x000007FF1915C6A0 oacflg=33 oacfl2=0 dty=1
kesqsMakeSelfBinds(no_value): pos=3 bind=0x000000001F097608
oac=0x000007FF1915C6D0 oacflg=17 oacfl2=0 dty=2
kesqsMakeSelfBinds(no_value): pos=4 bind=0x000000001F0975A0
oac=0x000007FF1915C700 oacflg=17 oacfl2=0 dty=2
kesqsMakeSelfBinds(no_value): pos=5 bind=0x000000001F097538
oac=0x000007FF1915C730 oacflg=17 oacfl2=0 dty=2
Resulting plan has phv=1499986165
kesdsCompilePlanDirective(): exit
kesdsCompilePlanDirective(): enter
Compiling SQL with the following plan directive:
  kesdsDumpPlanDirective()
    directive type=hint hint=OPTIMIZER_FEATURES_ENABLE('8.1.5')
kesqsMakeSelfBinds(no_value): pos=1 bind=0x000000001F087E70
oac=0x000007FF1915C670 oacflg=33 oacfl2=0 dty=1
```

```
kesqsMakeSelfBinds(no_value): pos=2 bind=0x000000001F087E08
oac=0x000007FF1915C6A0 oacflg=33 oacfl2=0 dty=1
kesqsMakeSelfBinds(no_value): pos=3 bind=0x000000001F087DA0
oac=0x000007FF1915C6D0 oacflg=17 oacfl2=0 dty=2
kesqsMakeSelfBinds(no_value): pos=4 bind=0x000000001F087D38
oac=0x000007FF1915C700 oacflg=17 oacfl2=0 dty=2
kesqsMakeSelfBinds(no_value): pos=5 bind=0x000000001F087CD0
oac=0x000007FF1915C730 oacflg=17 oacfl2=0 dty=2
```

\*\*\* 2013-01-09 23:53:57.747

Resulting plan has phv=1499986165

kesdsCompilePlanDirective(): exit

kesdsCompilePlanDirective(): enter

Compiling SQL with the following plan directive:

kesdsDumpPlanDirective()

directive type=hint hint=OPTIMIZER\_FEATURES\_ENABLE('8.1.0')

kesqsMakeSelfBinds(no\_value): pos=1 bind=0x000000002155BEE8

oac=0x000007FF1915C670 oacflg=33 oacfl2=0 dty=1

kesqsMakeSelfBinds(no\_value): pos=2 bind=0x000000002155BE80

oac=0x000007FF1915C6A0 oacflg=33 oacfl2=0 dty=1

kesqsMakeSelfBinds(no\_value): pos=3 bind=0x000000002155BE18

oac=0x000007FF1915C6D0 oacflg=17 oacfl2=0 dty=2

kesqsMakeSelfBinds(no\_value): pos=4 bind=0x000000002155BDB0

oac=0x000007FF1915C700 oacflg=17 oacfl2=0 dty=2

kesqsMakeSelfBinds(no\_value): pos=5 bind=0x000000002155BD48

oac=0x000007FF1915C730 oacflg=17 oacfl2=0 dty=2

Resulting plan has phv=1499986165

kesdsCompilePlanDirective(): exit

kesdsCompilePlanDirective(): enter

Compiling SQL with the following plan directive:

kesdsDumpPlanDirective()

directive type=hint hint=OPTIMIZER\_FEATURES\_ENABLE('8.0.6')

kesqsMakeSelfBinds(no\_value): pos=1 bind=0x0000000027427E70

oac=0x000007FF1915C670 oacflg=33 oacfl2=0 dty=1

kesqsMakeSelfBinds(no\_value): pos=2 bind=0x0000000027427E08

oac=0x000007FF1915C6A0 oacflg=33 oacfl2=0 dty=1

kesqsMakeSelfBinds(no\_value): pos=3 bind=0x0000000027427DA0

oac=0x000007FF1915C6D0 oacflg=17 oacfl2=0 dty=2

kesqsMakeSelfBinds(no\_value): pos=4 bind=0x0000000027427D38

oac=0x000007FF1915C700 oacflg=17 oacfl2=0 dty=2

kesqsMakeSelfBinds(no\_value): pos=5 bind=0x0000000027427CD0

oac=0x000007FF1915C730 oacflg=17 oacfl2=0 dty=2

Resulting plan has phv=1499986165

kesdsCompilePlanDirective(): exit

kesdsCompilePlanDirective(): enter

Compiling SQL with the following plan directive:

kesdsDumpPlanDirective()

directive type=hint hint=OPTIMIZER\_FEATURES\_ENABLE('8.0.5')

\*\*\* 2013-01-09 23:53:58.818

kesqsMakeSelfBinds(no\_value): pos=1 bind=0x000000002165BEE8

oac=0x000007FF1915C670 oacflg=33 oacfl2=0 dty=1

kesqsMakeSelfBinds(no\_value): pos=2 bind=0x000000002165BE80

oac=0x000007FF1915C6A0 oacflg=33 oacfl2=0 dty=1

```

kesqsMakeSelfBinds(no_value): pos=3 bind=0x000000002165BE18
oac=0x000007FF1915C6D0 oacflg=17 oacfl2=0 dty=2
kesqsMakeSelfBinds(no_value): pos=4 bind=0x000000002165BDB0
oac=0x000007FF1915C700 oacflg=17 oacfl2=0 dty=2
kesqsMakeSelfBinds(no_value): pos=5 bind=0x000000002165BD48
oac=0x000007FF1915C730 oacflg=17 oacfl2=0 dty=2
Resulting plan has phv=1499986165
kesdsCompilePlanDirective(): exit
kesdsCompilePlanDirective(): enter
Compiling SQL with the following plan directive:
  kesdsDumpPlanDirective()
    directive type=hint hint=OPTIMIZER_FEATURES_ENABLE('8.0.4')
kesqsMakeSelfBinds(no_value): pos=1 bind=0x000000001E54FF60
oac=0x000007FF1915C670 oacflg=33 oacfl2=0 dty=1
kesqsMakeSelfBinds(no_value): pos=2 bind=0x000000001E54FEF8
oac=0x000007FF1915C6A0 oacflg=33 oacfl2=0 dty=1
kesqsMakeSelfBinds(no_value): pos=3 bind=0x000000001E54FE90
oac=0x000007FF1915C6D0 oacflg=17 oacfl2=0 dty=2
kesqsMakeSelfBinds(no_value): pos=4 bind=0x000000001E54FE28
oac=0x000007FF1915C700 oacflg=17 oacfl2=0 dty=2
kesqsMakeSelfBinds(no_value): pos=5 bind=0x000000001E54FDC0
oac=0x000007FF1915C730 oacflg=17 oacfl2=0 dty=2
Resulting plan has phv=1499986165
kesdsCompilePlanDirective(): exit
kesdsCompilePlanDirective(): enter
Compiling SQL with the following plan directive:
  kesdsDumpPlanDirective()
    directive type=hint hint=OPTIMIZER_FEATURES_ENABLE('8.0.0')
kesqsMakeSelfBinds(no_value): pos=1 bind=0x0000000021577E70
oac=0x000007FF1915C670 oacflg=33 oacfl2=0 dty=1
kesqsMakeSelfBinds(no_value): pos=2 bind=0x0000000021577E08
oac=0x000007FF1915C6A0 oacflg=33 oacfl2=0 dty=1
kesqsMakeSelfBinds(no_value): pos=3 bind=0x0000000021577DA0
oac=0x000007FF1915C6D0 oacflg=17 oacfl2=0 dty=2
kesqsMakeSelfBinds(no_value): pos=4 bind=0x0000000021577D38
oac=0x000007FF1915C700 oacflg=17 oacfl2=0 dty=2
kesqsMakeSelfBinds(no_value): pos=5 bind=0x0000000021577CD0
oac=0x000007FF1915C730 oacflg=17 oacfl2=0 dty=2
Resulting plan has phv=1499986165
kesdsCompilePlanDirective(): exit
kesdsStrategyDriver(): exit
  kestsDumpRsrcSet(): Dumping Resource Set Type=alternate plan analysis
*****
kestsRsrcSet
  Exec count:          919
  CR gets:             3631
  CU gets:             0
  Disk Reads:         22
  Disk Writes:        0
  IO Read Requests:   22
  IO Write Requests:  0
  Bytes Read:         180224
  Bytes Written:      0
  Bytes Exchanged with Storage: 180224

```

Bytes Exchanged with Disk: 180224  
Bytes Simulated Read: 0  
Bytes Simulated Returned: 0  
Elapsed Time: 7631 (ms)  
CPU Time: 7082 (ms)  
User I/O Time: 89 (ms)  
    kestsGenApaPlans(): exit  
    kestsTestPlans(): enter  
kestseExecutePlans(): enter  
    kestsePlansDoRounds() round=1 curTimeOut=15 2 plans remaining  
    kestseDoOneRound() round=1 plan=original phv=1499986165

\*\*\* 2013-01-09 23:53:59.943

plan successfully test-executed to completion

\*\*\*\*\*

Execution Statistics

Exec count: 1  
CR gets: 471  
CU gets: 0  
Disk Reads: 0  
Disk Writes: 0  
IO Read Requests: 7  
IO Write Requests: 0  
Bytes Read: 114688  
Bytes Written: 0  
Bytes Exchanged with Storage: 114688  
Bytes Exchanged with Disk: 114688  
Bytes Simulated Read: 0  
Bytes Simulated Returned: 0  
Elapsed Time: 55 (ms)  
CPU Time: 14 (ms)  
User I/O Time: 0 (us)  
kestseDoOneRound() round=1 plan=sql profile phv=1033803839

\*\*\* 2013-01-09 23:54:01.380

plan successfully test-executed to completion

\*\*\*\*\*

Execution Statistics

Exec count: 1  
CR gets: 199  
CU gets: 0  
Disk Reads: 0  
Disk Writes: 0  
IO Read Requests: 77  
IO Write Requests: 0  
Bytes Read: 1261568  
Bytes Written: 0  
Bytes Exchanged with Storage: 1261568  
Bytes Exchanged with Disk: 1261568  
Bytes Simulated Read: 0  
Bytes Simulated Returned: 0  
Elapsed Time: 159 (ms)  
CPU Time: 19 (ms)  
User I/O Time: 0 (us)



18	HASH JOIN								
25	2950	83	00:00:01						
19	NESTED LOOPS OUTER								
25	2525	79	00:00:01						
20	NESTED LOOPS								
25	2400	54	00:00:01						
21	NESTED LOOPS								
25	1575	4	00:00:01						
22	FIXED TABLE FULL					X\$KCCDI			
1	13	0	00:00:01						
23	TABLE ACCESS FULL					SCHEDULER\$_JOB			
25	1250	4	00:00:01						
24	TABLE ACCESS BY INDEX ROWID								
OBJ\$		1	33	2	00:00:01				
25	INDEX RANGE SCAN					I_OBJ1			
1		1	00:00:01						
26	INDEX RANGE SCAN					I_OBJ1			
1	5	1	00:00:01						
27	TABLE ACCESS FULL								
USER\$		97	1649	3	00:00:01				
28	BUFFER SORT								
1		80	00:00:01						
29	FIXED TABLE FULL					X\$KCCDI2			
1		0	00:00:01						
30	NESTED LOOPS								
1	182	5	00:00:01						
31	NESTED LOOPS								
1	165	4	00:00:01						
32	NESTED LOOPS OUTER								
1	156	3	00:00:01						
33	NESTED LOOPS								
1	151	2	00:00:01						
34	TABLE ACCESS FULL								
SCHEDULER\$_LIGHTWEIGHT_JOB		1	108	2	00:00:01				
35	TABLE ACCESS BY INDEX ROWID					SCHEDULER\$_LWJOB_OBJ			
1	43	0	00:00:01						
36	INDEX UNIQUE SCAN					SCHEDULER\$_LOBJ_PK			
1		0	00:00:01						
37	INDEX RANGE SCAN					I_OBJ1			
1	5	1	00:00:01						
38	INDEX RANGE SCAN					I_OBJ1			
1	9	1	00:00:01						
39	TABLE ACCESS CLUSTER								
USER\$		1	17	1	00:00:01				
40	INDEX UNIQUE SCAN					I_USER#			
1		0	00:00:01						
41	VIEW								
37	5698	115	00:00:02						
42	NESTED LOOPS OUTER								
37	2923	115	00:00:02						
43	HASH JOIN								
37	2738	78	00:00:01						
44	VIEW					VW_NSO_1			
93	1209	73	00:00:01						

```

| 45 |          HASH UNIQUE          | | |
|   93 | 5208 |   73 | 00:00:01 |
| 46 |          WINDOW SORT          |
|   93 | 5208 |   73 | 00:00:01 |
| 47 |          HASH JOIN OUTER      |
|   93 | 5208 |   71 | 00:00:01 |
| 48 |          TABLE ACCESS FULL   | SCHEDULER$_EVENT_LOG
|   93 | 4743 |    5 | 00:00:01 |
| 49 |          INDEX FAST FULL SCAN | I_OBJ1
|  73K | 367K |   65 | 00:00:01 |
| 50 |          TABLE ACCESS FULL   | SCHEDULER$_EVENT_LOG
|   93 | 5673 |    5 | 00:00:01 |
| 51 |          INDEX RANGE SCAN     | I_OBJ1
|    1 |    5 |    1 | 00:00:01 |

```

```

-----+
+-----+
      Explain Plan (original): hash=1499986165 hash2=3977685166
cost=245.155131
Plan Status:
  status=(pst=SUCCESS)

```

\*\*\*\*\*

```

Execution Statistics
  Exec count:          1
  CR gets:             471
  CU gets:             0
  Disk Reads:         0
  Disk Writes:        0
  IO Read Requests:   7
  IO Write Requests:  0
  Bytes Read:         114688
  Bytes Written:       0
  Bytes Exchanged with Storage: 114688
  Bytes Exchanged with Disk: 114688
  Bytes Simulated Read: 0
  Bytes Simulated Returned: 0
  Elapsed Time: 55 (ms)
  CPU Time: 14 (ms)
  User I/O Time: 0 (us)

```

```

Multiple Exec Cnt: 10
Multiple Exec Flags 0

```

-----  
Outline plan information  
-----

```

Outline data:
----- Dump of outline -----

```

```

/*+
  BEGIN_OUTLINE_DATA
  IGNORE_OPTIM_EMBEDDED_HINTS
  OPTIMIZER_FEATURES_ENABLE('11.2.0.2')
  DB_VERSION('11.2.0.2')
  OPT_PARAM('result_cache_mode' 'FORCE')
  ALL_ROWS

```



OUTLINE\_LEAF(@"SEL\$5")  
OUTLINE\_LEAF(@"SEL\$19")  
OUTLINE\_LEAF(@"SEL\$5F3F0374")  
ELIMINATE\_JOIN(@"SEL\$813C1359" "AD"@"SEL\$17")  
OUTLINE\_LEAF(@"SEL\$1FB6C052")  
MERGE(@"SEL\$15")  
OUTLINE\_LEAF(@"SEL\$21")  
OUTLINE\_LEAF(@"SEL\$22")  
OUTLINE\_LEAF(@"SET\$3")  
OUTLINE\_LEAF(@"SEL\$23")  
OUTLINE\_LEAF(@"SEL\$24")  
OUTLINE\_LEAF(@"SET\$4")  
OUTLINE\_LEAF(@"SEL\$1C34B9A1")  
ELIMINATE\_JOIN(@"SEL\$95423B40" "AD"@"SEL\$26")  
OUTLINE\_LEAF(@"SEL\$A065B7E5")  
MERGE(@"SEL\$28")  
OUTLINE\_LEAF(@"SET\$5")  
OUTLINE\_LEAF(@"SEL\$20")  
OUTLINE\_LEAF(@"SET\$2")  
OUTLINE\_LEAF(@"SEL\$13")  
OUTLINE\_LEAF(@"SEL\$20EAEDCE")  
MERGE(@"SEL\$F7A62D4D")  
OUTLINE\_LEAF(@"SEL\$31")  
OUTLINE\_LEAF(@"SET\$1")  
OUTLINE\_LEAF(@"SEL\$916FDCC7")  
OUTLINE\_LEAF(@"SEL\$3CE29736")  
UNNEST(@"SEL\$5F9076AD")  
OUTLINE\_LEAF(@"SEL\$E2A84955")  
MERGE(@"SEL\$A815D38B")  
OUTLINE(@"SEL\$813C1359")  
MERGE(@"SEL\$17")  
MERGE(@"SEL\$18")  
OUTLINE(@"SEL\$14")  
OUTLINE(@"SEL\$15")  
OUTLINE(@"SEL\$95423B40")  
MERGE(@"SEL\$26")  
OUTLINE(@"SEL\$27")  
OUTLINE(@"SEL\$28")  
OUTLINE(@"SEL\$12")  
OUTLINE(@"SEL\$F7A62D4D")  
MERGE(@"SEL\$30")  
OUTLINE(@"SEL\$5F9076AD")  
MERGE(@"SEL\$35")  
OUTLINE(@"SEL\$9CF1E98E")  
MERGE(@"SEL\$33")  
OUTLINE(@"SEL\$1")  
OUTLINE(@"SEL\$A815D38B")  
MERGE(@"SEL\$16B88241")  
OUTLINE(@"SEL\$16")  
OUTLINE(@"SEL\$17")  
OUTLINE(@"SEL\$18")  
OUTLINE(@"SEL\$25")  
OUTLINE(@"SEL\$26")  
OUTLINE(@"SEL\$29")

```

OUTLINE (@ "SEL$30")
OUTLINE (@ "SEL$34")
OUTLINE (@ "SEL$35")
OUTLINE (@ "SEL$32")
OUTLINE (@ "SEL$33")
OUTLINE (@ "SEL$2")
OUTLINE (@ "SEL$16B88241")
MERGE (@ "SEL$285A8194")
MERGE (@ "SEL$4")
MERGE (@ "SEL$68B588A0")
MERGE (@ "SEL$CF5359D5")
OUTLINE (@ "SEL$3")
OUTLINE (@ "SEL$285A8194")
MERGE (@ "SEL$11")
OUTLINE (@ "SEL$4")
OUTLINE (@ "SEL$68B588A0")
MERGE (@ "SEL$7")
OUTLINE (@ "SEL$CF5359D5")
MERGE (@ "SEL$9")
OUTLINE (@ "SEL$10")
OUTLINE (@ "SEL$11")
OUTLINE (@ "SEL$6")
OUTLINE (@ "SEL$7")
OUTLINE (@ "SEL$8")
OUTLINE (@ "SEL$9")
NO_ACCESS (@ "SEL$E2A84955" "T" @ "SEL$4")
FULL (@ "SEL$E2A84955" "A" @ "SEL$7")
FULL (@ "SEL$E2A84955" "A" @ "SEL$9")
FULL (@ "SEL$E2A84955" "A" @ "SEL$11")
NO_ACCESS (@ "SEL$E2A84955" "J" @ "SEL$2")
NO_ACCESS (@ "SEL$E2A84955" "JL" @ "SEL$1")
LEADING (@ "SEL$E2A84955" "T" @ "SEL$4" "A" @ "SEL$7" "A" @ "SEL$9"
"A" @ "SEL$11" "J" @ "SEL$2" "JL" @ "SEL$1")
USE_HASH (@ "SEL$E2A84955" "A" @ "SEL$7")
USE_HASH (@ "SEL$E2A84955" "A" @ "SEL$9")
USE_HASH (@ "SEL$E2A84955" "A" @ "SEL$11")
USE_HASH (@ "SEL$E2A84955" "J" @ "SEL$2")
USE_HASH (@ "SEL$E2A84955" "JL" @ "SEL$1")
SWAP_JOIN_INPUTS (@ "SEL$E2A84955" "A" @ "SEL$9")
SWAP_JOIN_INPUTS (@ "SEL$E2A84955" "A" @ "SEL$11")
FULL (@ "SEL$5" "A" @ "SEL$5")
FULL (@ "SEL$5" "E" @ "SEL$5")
LEADING (@ "SEL$5" "A" @ "SEL$5" "E" @ "SEL$5")
USE_HASH (@ "SEL$5" "E" @ "SEL$5")
NO_ACCESS (@ "SEL$3CE29736" "VW_NSO_1" @ "SEL$3CE29736")
FULL (@ "SEL$3CE29736" "E" @ "SEL$33")
INDEX (@ "SEL$3CE29736" "CO" @ "SEL$33" ("OBJ$" . "OBJ#" "OBJ$" . "OWNER#"
"OBJ$" . "TYPE#"))
LEADING (@ "SEL$3CE29736" "VW_NSO_1" @ "SEL$3CE29736" "E" @ "SEL$33"
"CO" @ "SEL$33")
USE_HASH (@ "SEL$3CE29736" "E" @ "SEL$33")
USE_NL (@ "SEL$3CE29736" "CO" @ "SEL$33")
FULL (@ "SEL$916FDCC7" "E" @ "SEL$35")

```

```

INDEX_FFS(@"SEL$916FDCC7" "CO"@"SEL$35" ("OBJ$"."OBJ#"
"OBJ$"."OWNER#" "OBJ$"."TYPE#"))
LEADING(@"SEL$916FDCC7" "E"@"SEL$35" "CO"@"SEL$35")
USE_HASH(@"SEL$916FDCC7" "CO"@"SEL$35")
USE_HASH_AGGREGATION(@"SEL$916FDCC7")
FULL(@"SEL$31" "L"@"SEL$31")
INDEX_RS_ASC(@"SEL$31" "LO"@"SEL$31" ("SCHEDULER$_LWJOB_OBJ"."OBJ#"))
INDEX(@"SEL$31" "LCO"@"SEL$31" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX(@"SEL$31" "PO"@"SEL$31" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX(@"SEL$31" "LU"@"SEL$31" "I_USER#")
LEADING(@"SEL$31" "L"@"SEL$31" "LO"@"SEL$31" "LCO"@"SEL$31"
"PO"@"SEL$31" "LU"@"SEL$31")
USE_NL(@"SEL$31" "LO"@"SEL$31")
USE_NL(@"SEL$31" "LCO"@"SEL$31")
USE_NL(@"SEL$31" "PO"@"SEL$31")
USE_NL(@"SEL$31" "LU"@"SEL$31")
FULL(@"SEL$20EAEDCE" "DI"@"SEL$30")
FULL(@"SEL$20EAEDCE" "J"@"SEL$12")
INDEX_RS_ASC(@"SEL$20EAEDCE" "JO"@"SEL$12" ("OBJ$"."OBJ#"
"OBJ$"."OWNER#" "OBJ$"."TYPE#"))
INDEX(@"SEL$20EAEDCE" "CO"@"SEL$12" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
FULL(@"SEL$20EAEDCE" "JU"@"SEL$12")
FULL(@"SEL$20EAEDCE" "DI2"@"SEL$30")
LEADING(@"SEL$20EAEDCE" "DI"@"SEL$30" "J"@"SEL$12" "JO"@"SEL$12"
"CO"@"SEL$12" "JU"@"SEL$12" "DI2"@"SEL$30")
USE_NL(@"SEL$20EAEDCE" "J"@"SEL$12")
USE_NL(@"SEL$20EAEDCE" "JO"@"SEL$12")
USE_NL(@"SEL$20EAEDCE" "CO"@"SEL$12")
USE_HASH(@"SEL$20EAEDCE" "JU"@"SEL$12")
USE_MERGE_CARTESIAN(@"SEL$20EAEDCE" "DI2"@"SEL$30")
NO_ACCESS(@"SEL$13" "DJD"@"SEL$13")
INDEX_RS_ASC(@"SEL$20" "U1"@"SEL$20" ("USER$"."NAME"))
NO_ACCESS(@"SEL$20" "O1"@"SEL$20")
NO_ACCESS(@"SEL$20" "J1"@"SEL$20")
NO_ACCESS(@"SEL$20" "JD1"@"SEL$20")
LEADING(@"SEL$20" "U1"@"SEL$20" "O1"@"SEL$20" "J1"@"SEL$20"
"JD1"@"SEL$20")
USE_NL(@"SEL$20" "O1"@"SEL$20")
USE_HASH(@"SEL$20" "J1"@"SEL$20")
USE_HASH(@"SEL$20" "JD1"@"SEL$20")
NO_ACCESS(@"SEL$1FB6C052" "DD"@"SEL$14")
FULL(@"SEL$1FB6C052" "D"@"SEL$15")
LEADING(@"SEL$1FB6C052" "DD"@"SEL$14" "D"@"SEL$15")
USE_HASH(@"SEL$1FB6C052" "D"@"SEL$15")
INDEX_RS_ASC(@"SEL$5F3F0374" "U"@"SEL$18" ("USER$"."NAME"))
INDEX(@"SEL$5F3F0374" "O"@"SEL$18" ("OBJ$"."OWNER#" "OBJ$"."NAME"
"OBJ$"."NAMESPACE" "OBJ$"."REMOTEOWNER" "OBJ$"."LINKNAME"
"OBJ$"."SUBNAME" "OBJ$"."TYPE#" "OBJ$"."SPARE3" "OBJ$"."OBJ#"))
INDEX_RS_ASC(@"SEL$5F3F0374" "J1"@"SEL$18" ("SCHEDULER$_JOB"."OBJ#"))
INDEX(@"SEL$5F3F0374" "W"@"SEL$17" ("SCHEDULER$_WINDOW_GROUP"."OBJ#"))

```

```

INDEX(@"SEL$5F3F0374" "WG"@SEL$17" ("SCHEDULER$_WINGRP_MEMBER"."OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID2"))
INDEX(@"SEL$5F3F0374" "D"@SEL$17" ("SCHEDULER$_DESTINATIONS"."OBJ#"))
INDEX(@"SEL$5F3F0374" "CMO"@SEL$17" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX(@"SEL$5F3F0374" "CMU"@SEL$17" ("USER$"."USER#" "USER$"."TYPE#"
"USER$"."SPARE1" "USER$"."SPARE2"))
INDEX(@"SEL$5F3F0374" "WMO"@SEL$17" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX(@"SEL$5F3F0374" "WMU"@SEL$17" ("USER$"."USER#" "USER$"."TYPE#"
"USER$"."SPARE1" "USER$"."SPARE2"))
LEADING(@"SEL$5F3F0374" "U"@SEL$18" "O"@SEL$18" "J1"@SEL$18"
"W"@SEL$17" "WG"@SEL$17" "D"@SEL$17" "CMO"@SEL$17" "CMU"@SEL$17"
"WMO"@SEL$17" "WMU"@SEL$17")
USE_NL(@"SEL$5F3F0374" "O"@SEL$18")
USE_NL(@"SEL$5F3F0374" "J1"@SEL$18")
USE_NL(@"SEL$5F3F0374" "W"@SEL$17")
USE_NL(@"SEL$5F3F0374" "WG"@SEL$17")
USE_NL(@"SEL$5F3F0374" "D"@SEL$17")
USE_NL(@"SEL$5F3F0374" "CMO"@SEL$17")
USE_NL(@"SEL$5F3F0374" "CMU"@SEL$17")
USE_NL(@"SEL$5F3F0374" "WMO"@SEL$17")
USE_NL(@"SEL$5F3F0374" "WMU"@SEL$17")
INDEX(@"SEL$19" "WM"@SEL$19" ("SCHEDULER$_WINGRP_MEMBER"."OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID2"))
FULL(@"SEL$A065B7E5" "D"@SEL$28")
INDEX(@"SEL$A065B7E5" "O"@SEL$28" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
LEADING(@"SEL$A065B7E5" "D"@SEL$28" "O"@SEL$28")
USE_NL(@"SEL$A065B7E5" "O"@SEL$28")
NLJ_BATCHING(@"SEL$A065B7E5" "O"@SEL$28")
FULL(@"SEL$1C34B9A1" "D"@SEL$26")
INDEX(@"SEL$1C34B9A1" "AO"@SEL$26" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX_RS_ASC(@"SEL$1C34B9A1" "O"@SEL$26" ("OBJ$"."OBJ#"
"OBJ$"."OWNER#" "OBJ$"."TYPE#"))
INDEX(@"SEL$1C34B9A1" "U"@SEL$26" "I_USER#")
LEADING(@"SEL$1C34B9A1" "D"@SEL$26" "AO"@SEL$26" "O"@SEL$26"
"U"@SEL$26")
USE_NL(@"SEL$1C34B9A1" "AO"@SEL$26")
USE_NL(@"SEL$1C34B9A1" "O"@SEL$26")
USE_NL(@"SEL$1C34B9A1" "U"@SEL$26")
INDEX_SS(@"SEL$24" "LO1"@SEL$24" ("SCHEDULER$_LWJOB_OBJ"."USERID"
"SCHEDULER$_LWJOB_OBJ"."NAME" "SCHEDULER$_LWJOB_OBJ"."SUBNAME"))
INDEX_FFS(@"SEL$23" "RO1"@SEL$23" ("OBJ$"."OWNER#" "OBJ$"."NAME"
"OBJ$"."NAMESPACE" "OBJ$"."REMOTEOWNER" "OBJ$"."LINKNAME"
"OBJ$"."SUBNAME" "OBJ$"."TYPE#" "OBJ$"."SPARE3" "OBJ$"."OBJ#"))
FULL(@"SEL$22" "LJ1"@SEL$22")
FULL(@"SEL$21" "RJ1"@SEL$21")
END_OUTLINE_DATA

```

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kestsDumpXpl(): dump explain plan(s): first type=sql profile

=====  
 Plan Table  
 =====

```

-----+-----+
| Id | Operation | Name |
| Rows | Bytes | Cost | Time |
-----+-----+
| 0 | SELECT STATEMENT | | |
| 11 | 4554 | 97 | 00:00:02 |
| 1 | HASH JOIN OUTER | |
| 11 | 4554 | 97 | 00:00:02 |
| 2 | NESTED LOOPS | |
| 11 | 2860 | 36 | 00:00:01 |
| 3 | FILTER | |
| | | | |
| 4 | HASH JOIN OUTER | |
| 1 | 236 | 35 | 00:00:01 |
| 5 | NESTED LOOPS OUTER | |
| 11 | 2211 | 32 | 00:00:01 |
| 6 | FILTER | |
| | | | |
| 7 | NESTED LOOPS OUTER | |
| 1 | 124 | 24 | 00:00:01 |
| 8 | HASH JOIN | |
| 9 | 900 | 15 | 00:00:01 |
| 9 | TABLE ACCESS FULL | WRI$_ADV_PARAMETERS |
| 9 | 216 | 11 | 00:00:01 |
| 10 | TABLE ACCESS FULL | WRI$_ADV_TASKS |
| 11 | 836 | 3 | 00:00:01 |
| 11 | TABLE ACCESS BY INDEX ROWID | WRI$_ADV_PARAMETERS |
| 1 | 24 | 1 | 00:00:01 |
| 12 | INDEX UNIQUE SCAN | WRI$_ADV_PARAMETERS_PK |
| 1 | | 0 | 00:00:01 |
| 13 | VIEW | DBA_SCHEDULER_JOBS |
| 1 | 77 | 8 | 00:00:01 |
| 14 | UNION ALL PUSHED PREDICATE | |
| | | | |
| 15 | NESTED LOOPS OUTER | |
| 1 | 118 | 5 | 00:00:01 |
| 16 | NESTED LOOPS | |
| 1 | 113 | 4 | 00:00:01 |
| 17 | NESTED LOOPS | |
| 1 | 63 | 3 | 00:00:01 |
| 18 | MERGE JOIN CARTESIAN | |
| 1 | 30 | 1 | 00:00:01 |
| 19 | NESTED LOOPS | |
| 1 | 17 | 1 | 00:00:01 |
| 20 | TABLE ACCESS BY INDEX ROWID | |
USER$ | | 1 | 17 | 1 | 00:00:01 |
  
```

21				INDEX UNIQUE SCAN	I_USER1
	1			0   00:00:01	
22				FIXED TABLE FULL	X\$KCCDI2
	1			0   00:00:01	
23				BUFFER SORT	
	1		13	1   00:00:01	
24				FIXED TABLE FULL	X\$KCCDI
	1		13	0   00:00:01	
25				INDEX RANGE SCAN	I_OBJ2
	1		33	2   00:00:01	
26				TABLE ACCESS BY INDEX ROWID	SCHEDULER\$_JOB
	1		50	1   00:00:01	
27				INDEX UNIQUE SCAN	SCHEDULER\$_JOB_PK
	1			0   00:00:01	
28				INDEX RANGE SCAN	I_OBJ1
	1		5	1   00:00:01	
29				NESTED LOOPS	
	1		182	3   00:00:01	
30				NESTED LOOPS OUTER	
	1		173	2   00:00:01	
31				NESTED LOOPS	
	1		168	1   00:00:01	
32				NESTED LOOPS	
	1		60	1   00:00:01	
33				TABLE ACCESS BY INDEX ROWID	
USERS\$				1   17	1   00:00:01
34				INDEX UNIQUE SCAN	I_USER1
	1			0   00:00:01	
35				TABLE ACCESS BY INDEX ROWID	SCHEDULER\$_LWJOB_OBJ
	1		43	0   00:00:01	
36				INDEX RANGE SCAN	SCHEDULER\$_LOBJ_UK
	1			0   00:00:01	
37				TABLE ACCESS BY INDEX ROWID	
SCHEDULER\$_LIGHTWEIGHT_JOB				1   108	0   00:00:01
38				INDEX UNIQUE SCAN	SCHEDULER\$_LWJOB_PK
	1			0   00:00:01	
39				INDEX RANGE SCAN	I_OBJ1
	1		5	1   00:00:01	
40				INDEX RANGE SCAN	I_OBJ1
	1		9	1   00:00:01	
41				TABLE ACCESS FULL	WRI\$_ADV_EXECUTIONS
	26		910	3   00:00:01	
42				TABLE ACCESS BY INDEX ROWID	WRI\$_ADV_PARAMETERS
	9		216	1   00:00:01	
43				INDEX UNIQUE SCAN	WRI\$_ADV_PARAMETERS_PK
	1			0   00:00:01	
44				VIEW	
	7		1078	61   00:00:01	
45				NESTED LOOPS OUTER	
	7		553	61   00:00:01	
46				HASH JOIN	
	7		518	54   00:00:01	
47				VIEW	VW_NS0_1
	41		533	48   00:00:01	

48		HASH UNIQUE			
41	2296	48	00:00:01		
49		WINDOW SORT			
41	2296	48	00:00:01		
50		NESTED LOOPS OUTER			
41	2296	46	00:00:01		
51		TABLE ACCESS FULL			SCHEDULER\$_EVENT_LOG
41	2091	5	00:00:01		
52		INDEX RANGE SCAN			I_OBJ1
1	5	1	00:00:01		
53		TABLE ACCESS FULL			SCHEDULER\$_EVENT_LOG
41	2501	5	00:00:01		
54		INDEX RANGE SCAN			I_OBJ1
1	5	1	00:00:01		

-----+-----

Explain Plan (sql profile): hash=1033803839 hash2=2819594961  
cost=97.072088

Plan Status:

status=(pst=SUCCESS)

\*\*\*\*\*

Execution Statistics

Exec count: 1  
CR gets: 199  
CU gets: 0  
Disk Reads: 0  
Disk Writes: 0  
IO Read Requests: 77  
IO Write Requests: 0  
Bytes Read: 1261568  
Bytes Written: 0  
Bytes Exchanged with Storage: 1261568  
Bytes Exchanged with Disk: 1261568  
Bytes Simulated Read: 0  
Bytes Simulated Returned: 0  
Elapsed Time: 159 (ms)  
CPU Time: 19 (ms)  
User I/O Time: 0 (us)

Multiple Exec Cnt: 9  
Multiple Exec Flags 0

-----  
Outline plan information  
-----

Outline data:

----- Dump of outline -----

/\*+

```
BEGIN_OUTLINE_DATA
  IGNORE_OPTIM_EMBEDDED_HINTS
  OPTIMIZER_FEATURES_ENABLE('11.2.0.2')
  DB_VERSION('11.2.0.2')
  OPT_PARAM('result_cache_mode' 'FORCE')
  ALL_ROWS
```

OUTLINE\_LEAF(@"SEL\$19")  
OUTLINE\_LEAF(@"SEL\$5F3F0374")  
ELIMINATE\_JOIN(@"SEL\$813C1359" "AD"@"SEL\$17")  
OUTLINE\_LEAF(@"SEL\$1FB6C052")  
MERGE(@"SEL\$15")  
OUTLINE\_LEAF(@"SEL\$21")  
OUTLINE\_LEAF(@"SEL\$22")  
OUTLINE\_LEAF(@"SET\$3")  
OUTLINE\_LEAF(@"SEL\$23")  
OUTLINE\_LEAF(@"SEL\$24")  
OUTLINE\_LEAF(@"SET\$4")  
OUTLINE\_LEAF(@"SEL\$1C34B9A1")  
ELIMINATE\_JOIN(@"SEL\$95423B40" "AD"@"SEL\$26")  
OUTLINE\_LEAF(@"SEL\$A065B7E5")  
MERGE(@"SEL\$28")  
OUTLINE\_LEAF(@"SET\$5")  
OUTLINE\_LEAF(@"SEL\$20")  
OUTLINE\_LEAF(@"SET\$2")  
OUTLINE\_LEAF(@"SEL\$13")  
OUTLINE\_LEAF(@"SEL\$583C4D64")  
OUTLINE\_LEAF(@"SEL\$CBADD118")  
OUTLINE\_LEAF(@"SET\$5715CE2E")  
PUSH\_PRED(@"SEL\$E6BC9F71" "J"@"SEL\$2" 6 5)  
OUTLINE\_LEAF(@"SEL\$916FDCC7")  
OUTLINE\_LEAF(@"SEL\$3CE29736")  
UNNEST(@"SEL\$5F9076AD")  
OUTLINE\_LEAF(@"SEL\$E6BC9F71")  
MERGE(@"SEL\$7A2E2F34")  
OUTLINE(@"SEL\$813C1359")  
MERGE(@"SEL\$17")  
MERGE(@"SEL\$18")  
OUTLINE(@"SEL\$14")  
OUTLINE(@"SEL\$15")  
OUTLINE(@"SEL\$95423B40")  
MERGE(@"SEL\$26")  
OUTLINE(@"SEL\$27")  
OUTLINE(@"SEL\$28")  
OUTLINE(@"SEL\$20EAEDCE")  
MERGE(@"SEL\$F7A62D4D")  
OUTLINE(@"SEL\$31")  
OUTLINE(@"SET\$1")  
OUTLINE(@"SEL\$E6BC9F71")  
MERGE(@"SEL\$7A2E2F34")  
OUTLINE(@"SEL\$5F9076AD")  
MERGE(@"SEL\$35")  
OUTLINE(@"SEL\$9CF1E98E")  
MERGE(@"SEL\$33")  
OUTLINE(@"SEL\$1")  
OUTLINE(@"SEL\$7A2E2F34")  
MERGE(@"SEL\$A76401BB")  
OUTLINE(@"SEL\$16")  
OUTLINE(@"SEL\$17")  
OUTLINE(@"SEL\$18")  
OUTLINE(@"SEL\$25")



```

OUTLINE (@SEL$26")
OUTLINE (@SEL$12")
OUTLINE (@SEL$F7A62D4D")
MERGE (@SEL$30")
OUTLINE (@SEL$34")
OUTLINE (@SEL$35")
OUTLINE (@SEL$32")
OUTLINE (@SEL$33")
OUTLINE (@SEL$2")
OUTLINE (@SEL$A76401BB")
MERGE (@SEL$285A8194")
MERGE (@SEL$68B588A0")
MERGE (@SEL$7286615E")
MERGE (@SEL$CF5359D5")
OUTLINE (@SEL$29")
OUTLINE (@SEL$30")
OUTLINE (@SEL$3")
OUTLINE (@SEL$285A8194")
MERGE (@SEL$11")
OUTLINE (@SEL$68B588A0")
MERGE (@SEL$7")
OUTLINE (@SEL$7286615E")
MERGE (@SEL$5")
OUTLINE (@SEL$CF5359D5")
MERGE (@SEL$9")
OUTLINE (@SEL$10")
OUTLINE (@SEL$11")
OUTLINE (@SEL$6")
OUTLINE (@SEL$7")
OUTLINE (@SEL$4")
OUTLINE (@SEL$5")
OUTLINE (@SEL$8")
OUTLINE (@SEL$9")
FULL (@SEL$E6BC9F71 "A"@SEL$9")
FULL (@SEL$E6BC9F71 "A"@SEL$5")
INDEX_RS_ASC (@SEL$E6BC9F71 "A"@SEL$11")
("WRIS_ADV_PARAMETERS"."TASK_ID" "WRIS_ADV_PARAMETERS"."NAME")
NO_ACCESS (@SEL$E6BC9F71 "J"@SEL$2")
FULL (@SEL$E6BC9F71 "E"@SEL$5")
INDEX_RS_ASC (@SEL$E6BC9F71 "A"@SEL$7")
("WRIS_ADV_PARAMETERS"."TASK_ID" "WRIS_ADV_PARAMETERS"."NAME")
NO_ACCESS (@SEL$E6BC9F71 "JL"@SEL$1")
LEADING (@SEL$E6BC9F71 "A"@SEL$9 "A"@SEL$5 "A"@SEL$11"
"J"@SEL$2 "E"@SEL$5 "A"@SEL$7 "JL"@SEL$1")
USE_HASH (@SEL$E6BC9F71 "A"@SEL$5")
USE_NL (@SEL$E6BC9F71 "A"@SEL$11")
USE_NL (@SEL$E6BC9F71 "J"@SEL$2")
USE_HASH (@SEL$E6BC9F71 "E"@SEL$5")
USE_NL (@SEL$E6BC9F71 "A"@SEL$7")
USE_HASH (@SEL$E6BC9F71 "JL"@SEL$1")
NO_ACCESS (@SEL$3CE29736 "VW_NSO_1"@SEL$3CE29736")
FULL (@SEL$3CE29736 "E"@SEL$33")
INDEX (@SEL$3CE29736 "CO"@SEL$33 ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))

```

```

LEADING(@"SEL$3CE29736" "VW_NSO_1"@"SEL$3CE29736" "E"@"SEL$33"
"CO"@"SEL$33")
USE_HASH(@"SEL$3CE29736" "E"@"SEL$33")
USE_NL(@"SEL$3CE29736" "CO"@"SEL$33")
FULL(@"SEL$916FDCC7" "E"@"SEL$35")
INDEX(@"SEL$916FDCC7" "CO"@"SEL$35" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
LEADING(@"SEL$916FDCC7" "E"@"SEL$35" "CO"@"SEL$35")
USE_NL(@"SEL$916FDCC7" "CO"@"SEL$35")
USE_HASH_AGGREGATION(@"SEL$916FDCC7")
INDEX_RS_ASC(@"SEL$CBADD118" "LU"@"SEL$31" ("USER$"."NAME"))
INDEX_RS_ASC(@"SEL$CBADD118" "LO"@"SEL$31"
("SCHEDULER$_LWJOB_OBJ"."USERID" "SCHEDULER$_LWJOB_OBJ"."NAME"
"SCHEDULER$_LWJOB_OBJ"."SUBNAME"))
INDEX_RS_ASC(@"SEL$CBADD118" "L"@"SEL$31"
("SCHEDULER$_LIGHTWEIGHT_JOB"."OBJ#"))
INDEX(@"SEL$CBADD118" "LCO"@"SEL$31" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX(@"SEL$CBADD118" "PO"@"SEL$31" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
LEADING(@"SEL$CBADD118" "LU"@"SEL$31" "LO"@"SEL$31" "L"@"SEL$31"
"LCO"@"SEL$31" "PO"@"SEL$31")
USE_NL(@"SEL$CBADD118" "LO"@"SEL$31")
USE_NL(@"SEL$CBADD118" "L"@"SEL$31")
USE_NL(@"SEL$CBADD118" "LCO"@"SEL$31")
USE_NL(@"SEL$CBADD118" "PO"@"SEL$31")
INDEX_RS_ASC(@"SEL$583C4D64" "JU"@"SEL$12" ("USER$"."NAME"))
FULL(@"SEL$583C4D64" "DI2"@"SEL$30")
FULL(@"SEL$583C4D64" "DI"@"SEL$30")
INDEX(@"SEL$583C4D64" "JO"@"SEL$12" ("OBJ$"."OWNER#" "OBJ$"."NAME"
"OBJ$"."NAMESPACE" "OBJ$"."REMOTEOWNER" "OBJ$"."LINKNAME"
"OBJ$"."SUBNAME" "OBJ$"."TYPE#" "OBJ$"."SPARE3" "OBJ$"."OBJ#"))
INDEX_RS_ASC(@"SEL$583C4D64" "J"@"SEL$12" ("SCHEDULER$_JOB"."OBJ#"))
INDEX(@"SEL$583C4D64" "CO"@"SEL$12" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
LEADING(@"SEL$583C4D64" "JU"@"SEL$12" "DI2"@"SEL$30" "DI"@"SEL$30"
"JO"@"SEL$12" "J"@"SEL$12" "CO"@"SEL$12")
USE_NL(@"SEL$583C4D64" "DI2"@"SEL$30")
USE_MERGE_CARTESIAN(@"SEL$583C4D64" "DI"@"SEL$30")
USE_NL(@"SEL$583C4D64" "JO"@"SEL$12")
USE_NL(@"SEL$583C4D64" "J"@"SEL$12")
USE_NL(@"SEL$583C4D64" "CO"@"SEL$12")
NO_ACCESS(@"SEL$13" "DJD"@"SEL$13")
INDEX_RS_ASC(@"SEL$20" "U1"@"SEL$20" ("USER$"."NAME"))
NO_ACCESS(@"SEL$20" "O1"@"SEL$20")
NO_ACCESS(@"SEL$20" "J1"@"SEL$20")
NO_ACCESS(@"SEL$20" "JD1"@"SEL$20")
LEADING(@"SEL$20" "U1"@"SEL$20" "O1"@"SEL$20" "J1"@"SEL$20"
"JD1"@"SEL$20")
USE_NL(@"SEL$20" "O1"@"SEL$20")
USE_HASH(@"SEL$20" "J1"@"SEL$20")
USE_HASH(@"SEL$20" "JD1"@"SEL$20")
NO_ACCESS(@"SEL$1FB6C052" "DD"@"SEL$14")
FULL(@"SEL$1FB6C052" "D"@"SEL$15")

```

```

LEADING(@"SEL$1FB6C052" "DD"@"SEL$14" "D"@"SEL$15")
USE_HASH(@"SEL$1FB6C052" "D"@"SEL$15")
INDEX_RS_ASC(@"SEL$5F3F0374" "U"@"SEL$18" ("USER$"."NAME"))
INDEX(@"SEL$5F3F0374" "O"@"SEL$18" ("OBJ$"."OWNER#" "OBJ$"."NAME"
"OBJ$"."NAMESPACE" "OBJ$"."REMOTEOWNER" "OBJ$"."LINKNAME"
"OBJ$"."SUBNAME" "OBJ$"."TYPE#" "OBJ$"."SPARE3" "OBJ$"."OBJ#"))
INDEX_RS_ASC(@"SEL$5F3F0374" "J1"@"SEL$18" ("SCHEDULER$_JOB"."OBJ#"))
INDEX(@"SEL$5F3F0374" "W"@"SEL$17" ("SCHEDULER$_WINDOW_GROUP"."OBJ#"))
INDEX(@"SEL$5F3F0374" "WG"@"SEL$17" ("SCHEDULER$_WINGRP_MEMBER"."OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID2"))
INDEX(@"SEL$5F3F0374" "D"@"SEL$17" ("SCHEDULER$_DESTINATIONS"."OBJ#"))
INDEX(@"SEL$5F3F0374" "CMO"@"SEL$17" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX(@"SEL$5F3F0374" "CMU"@"SEL$17" ("USER$"."USER#" "USER$"."TYPE#"
"USER$"."SPARE1" "USER$"."SPARE2"))
INDEX(@"SEL$5F3F0374" "WMO"@"SEL$17" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX(@"SEL$5F3F0374" "WMU"@"SEL$17" ("USER$"."USER#" "USER$"."TYPE#"
"USER$"."SPARE1" "USER$"."SPARE2"))
LEADING(@"SEL$5F3F0374" "U"@"SEL$18" "O"@"SEL$18" "J1"@"SEL$18"
"W"@"SEL$17" "WG"@"SEL$17" "D"@"SEL$17" "CMO"@"SEL$17" "CMU"@"SEL$17"
"WMO"@"SEL$17" "WMU"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "O"@"SEL$18")
USE_NL(@"SEL$5F3F0374" "J1"@"SEL$18")
USE_NL(@"SEL$5F3F0374" "W"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "WG"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "D"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "CMO"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "CMU"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "WMO"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "WMU"@"SEL$17")
INDEX(@"SEL$19" "WM"@"SEL$19" ("SCHEDULER$_WINGRP_MEMBER"."OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID2"))
FULL(@"SEL$A065B7E5" "D"@"SEL$28")
INDEX(@"SEL$A065B7E5" "O"@"SEL$28" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
LEADING(@"SEL$A065B7E5" "D"@"SEL$28" "O"@"SEL$28")
USE_NL(@"SEL$A065B7E5" "O"@"SEL$28")
NLJ_BATCHING(@"SEL$A065B7E5" "O"@"SEL$28")
FULL(@"SEL$1C34B9A1" "D"@"SEL$26")
INDEX(@"SEL$1C34B9A1" "AO"@"SEL$26" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX_RS_ASC(@"SEL$1C34B9A1" "O"@"SEL$26" ("OBJ$"."OBJ#"
"OBJ$"."OWNER#" "OBJ$"."TYPE#"))
INDEX(@"SEL$1C34B9A1" "U"@"SEL$26" "I_USER#")
LEADING(@"SEL$1C34B9A1" "D"@"SEL$26" "AO"@"SEL$26" "O"@"SEL$26"
"U"@"SEL$26")
USE_NL(@"SEL$1C34B9A1" "AO"@"SEL$26")
USE_NL(@"SEL$1C34B9A1" "O"@"SEL$26")
USE_NL(@"SEL$1C34B9A1" "U"@"SEL$26")
INDEX_SS(@"SEL$24" "LO1"@"SEL$24" ("SCHEDULER$_LWJOB_OBJ"."USERID"
"SCHEDULER$_LWJOB_OBJ"."NAME" "SCHEDULER$_LWJOB_OBJ"."SUBNAME"))

```

```

INDEX_FFS(@"SEL$23" "RO1"@"SEL$23" ("OBJ$".OWNER# "OBJ$".NAME"
"OBJ$".NAMESPACE "OBJ$".REMOTEOWNER "OBJ$".LINKNAME"
"OBJ$".SUBNAME "OBJ$".TYPE# "OBJ$".SPARE3 "OBJ$".OBJ#))
FULL(@"SEL$22" "LJ1"@"SEL$22")
FULL(@"SEL$21" "RJ1"@"SEL$21")
END_OUTLINE_DATA

```

```
*/
```

```

Dumping fully-executed unknown list
Dumping partially-executed unknown list
Dumping error list

```

```
kestseDumpResults(end)
```

```
bad sql profile caught
```

```

kestsDumpRsrcSet(): Dumping Resource Set Type=test-execute
*****

```

```
kestsRsrcSet
```

```

Exec count:          39
CR gets:             6503
CU gets:             0
Disk Reads:          0
Disk Writes:         0
IO Read Requests:   763
IO Write Requests:  0
Bytes Read:          12500992
Bytes Written:       0
Bytes Exchanged with Storage: 12500992
Bytes Exchanged with Disk: 12500992
Bytes Simulated Read: 0
Bytes Simulated Returned: 0
Elapsed Time: 2050 (ms)
CPU Time: 343 (ms)
User I/O Time: 0 (us)

```

```
kestsTestPlans(exit)
```

```
kestsMakeEndTraces(): dump state at end of auto-tune
```

```

status=success, drvSt=New plan worse by EXEC, scope=compreh, tuned=no,
outline=ok, plans(adjusted=original!=final)

```

```
Outline data for original plan:
```

```
----- Dump of outline -----
```

```
/*+
```

```

BEGIN_OUTLINE_DATA
  IGNORE_OPTIM_EMBEDDED_HINTS
  OPTIMIZER_FEATURES_ENABLE('11.2.0.2')
  DB_VERSION('11.2.0.2')
  ALL_ROWS
  OUTLINE_LEAF(@"SEL$5")
  OUTLINE_LEAF(@"SEL$19")
  OUTLINE_LEAF(@"SEL$5F3F0374")
  ELIMINATE_JOIN(@"SEL$813C1359" "AD"@"SEL$17")
  OUTLINE_LEAF(@"SEL$1FB6C052")
  MERGE(@"SEL$15")
  OUTLINE_LEAF(@"SEL$21")
  OUTLINE_LEAF(@"SEL$22")
  OUTLINE_LEAF(@"SET$3")
  OUTLINE_LEAF(@"SEL$23")

```

OUTLINE\_LEAF(@"SEL\$24")  
OUTLINE\_LEAF(@"SET\$4")  
OUTLINE\_LEAF(@"SEL\$1C34B9A1")  
ELIMINATE\_JOIN(@"SEL\$95423B40" "AD"@"SEL\$26")  
OUTLINE\_LEAF(@"SEL\$A065B7E5")  
MERGE(@"SEL\$28")  
OUTLINE\_LEAF(@"SET\$5")  
OUTLINE\_LEAF(@"SEL\$20")  
OUTLINE\_LEAF(@"SET\$2")  
OUTLINE\_LEAF(@"SEL\$13")  
OUTLINE\_LEAF(@"SEL\$20EAEDCE")  
MERGE(@"SEL\$F7A62D4D")  
OUTLINE\_LEAF(@"SEL\$31")  
OUTLINE\_LEAF(@"SET\$1")  
OUTLINE\_LEAF(@"SEL\$916FDCC7")  
OUTLINE\_LEAF(@"SEL\$3CE29736")  
UNNEST(@"SEL\$5F9076AD")  
OUTLINE\_LEAF(@"SEL\$E2A84955")  
MERGE(@"SEL\$A815D38B")  
OUTLINE(@"SEL\$813C1359")  
MERGE(@"SEL\$17")  
MERGE(@"SEL\$18")  
OUTLINE(@"SEL\$14")  
OUTLINE(@"SEL\$15")  
OUTLINE(@"SEL\$95423B40")  
MERGE(@"SEL\$26")  
OUTLINE(@"SEL\$27")  
OUTLINE(@"SEL\$28")  
OUTLINE(@"SEL\$12")  
OUTLINE(@"SEL\$F7A62D4D")  
MERGE(@"SEL\$30")  
OUTLINE(@"SEL\$5F9076AD")  
MERGE(@"SEL\$35")  
OUTLINE(@"SEL\$9CF1E98E")  
MERGE(@"SEL\$33")  
OUTLINE(@"SEL\$1")  
OUTLINE(@"SEL\$A815D38B")  
MERGE(@"SEL\$16B88241")  
OUTLINE(@"SEL\$16")  
OUTLINE(@"SEL\$17")  
OUTLINE(@"SEL\$18")  
OUTLINE(@"SEL\$25")  
OUTLINE(@"SEL\$26")  
OUTLINE(@"SEL\$29")  
OUTLINE(@"SEL\$30")  
OUTLINE(@"SEL\$34")  
OUTLINE(@"SEL\$35")  
OUTLINE(@"SEL\$32")  
OUTLINE(@"SEL\$33")  
OUTLINE(@"SEL\$2")  
OUTLINE(@"SEL\$16B88241")  
MERGE(@"SEL\$285A8194")  
MERGE(@"SEL\$4")  
MERGE(@"SEL\$68B588A0")

```

MERGE (@"SEL$CF5359D5")
OUTLINE (@"SEL$3")
OUTLINE (@"SEL$285A8194")
MERGE (@"SEL$11")
OUTLINE (@"SEL$4")
OUTLINE (@"SEL$68B588A0")
MERGE (@"SEL$7")
OUTLINE (@"SEL$CF5359D5")
MERGE (@"SEL$9")
OUTLINE (@"SEL$10")
OUTLINE (@"SEL$11")
OUTLINE (@"SEL$6")
OUTLINE (@"SEL$7")
OUTLINE (@"SEL$8")
OUTLINE (@"SEL$9")
NO_ACCESS (@"SEL$E2A84955" "T"@"SEL$4")
FULL (@"SEL$E2A84955" "A"@"SEL$7")
FULL (@"SEL$E2A84955" "A"@"SEL$9")
FULL (@"SEL$E2A84955" "A"@"SEL$11")
NO_ACCESS (@"SEL$E2A84955" "J"@"SEL$2")
NO_ACCESS (@"SEL$E2A84955" "JL"@"SEL$1")
LEADING (@"SEL$E2A84955" "T"@"SEL$4" "A"@"SEL$7" "A"@"SEL$9"
"A"@"SEL$11" "J"@"SEL$2" "JL"@"SEL$1")
USE_HASH (@"SEL$E2A84955" "A"@"SEL$7")
USE_HASH (@"SEL$E2A84955" "A"@"SEL$9")
USE_HASH (@"SEL$E2A84955" "A"@"SEL$11")
USE_HASH (@"SEL$E2A84955" "J"@"SEL$2")
USE_HASH (@"SEL$E2A84955" "JL"@"SEL$1")
SWAP_JOIN_INPUTS (@"SEL$E2A84955" "A"@"SEL$9")
SWAP_JOIN_INPUTS (@"SEL$E2A84955" "A"@"SEL$11")
FULL (@"SEL$5" "A"@"SEL$5")
FULL (@"SEL$5" "E"@"SEL$5")
LEADING (@"SEL$5" "A"@"SEL$5" "E"@"SEL$5")
USE_HASH (@"SEL$5" "E"@"SEL$5")
NO_ACCESS (@"SEL$3CE29736" "VW_NSO_1"@"SEL$3CE29736")
FULL (@"SEL$3CE29736" "E"@"SEL$33")
INDEX (@"SEL$3CE29736" "CO"@"SEL$33" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
LEADING (@"SEL$3CE29736" "VW_NSO_1"@"SEL$3CE29736" "E"@"SEL$33"
"CO"@"SEL$33")
USE_HASH (@"SEL$3CE29736" "E"@"SEL$33")
USE_NL (@"SEL$3CE29736" "CO"@"SEL$33")
FULL (@"SEL$916FDCC7" "E"@"SEL$35")
INDEX_FFS (@"SEL$916FDCC7" "CO"@"SEL$35" ("OBJ$"."OBJ#"
"OBJ$"."OWNER#" "OBJ$"."TYPE#"))
LEADING (@"SEL$916FDCC7" "E"@"SEL$35" "CO"@"SEL$35")
USE_HASH (@"SEL$916FDCC7" "CO"@"SEL$35")
USE_HASH_AGGREGATION (@"SEL$916FDCC7")
FULL (@"SEL$31" "L"@"SEL$31")
INDEX_RS_ASC (@"SEL$31" "LO"@"SEL$31" ("SCHEDULER$_LWJOB_OBJ"."OBJ#"))
INDEX (@"SEL$31" "LCO"@"SEL$31" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX (@"SEL$31" "PO"@"SEL$31" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))

```

```

INDEX(@"SEL$31" "LU"@"SEL$31" "I_USER#")
LEADING(@"SEL$31" "L"@"SEL$31" "LO"@"SEL$31" "LCO"@"SEL$31"
"PO"@"SEL$31" "LU"@"SEL$31")
USE_NL(@"SEL$31" "LO"@"SEL$31")
USE_NL(@"SEL$31" "LCO"@"SEL$31")
USE_NL(@"SEL$31" "PO"@"SEL$31")
USE_NL(@"SEL$31" "LU"@"SEL$31")
FULL(@"SEL$20EAEDCE" "DI"@"SEL$30")
FULL(@"SEL$20EAEDCE" "J"@"SEL$12")
INDEX_RS_ASC(@"SEL$20EAEDCE" "JO"@"SEL$12" ("OBJ$"."OBJ#"
"OBJ$"."OWNER#" "OBJ$"."TYPE#"))
INDEX(@"SEL$20EAEDCE" "CO"@"SEL$12" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
FULL(@"SEL$20EAEDCE" "JU"@"SEL$12")
FULL(@"SEL$20EAEDCE" "DI2"@"SEL$30")
LEADING(@"SEL$20EAEDCE" "DI"@"SEL$30" "J"@"SEL$12" "JO"@"SEL$12"
"CO"@"SEL$12" "JU"@"SEL$12" "DI2"@"SEL$30")
USE_NL(@"SEL$20EAEDCE" "J"@"SEL$12")
USE_NL(@"SEL$20EAEDCE" "JO"@"SEL$12")
USE_NL(@"SEL$20EAEDCE" "CO"@"SEL$12")
USE_HASH(@"SEL$20EAEDCE" "JU"@"SEL$12")
USE_MERGE_CARTESIAN(@"SEL$20EAEDCE" "DI2"@"SEL$30")
NO_ACCESS(@"SEL$13" "DJD"@"SEL$13")
INDEX_RS_ASC(@"SEL$20" "U1"@"SEL$20" ("USER$"."NAME"))
NO_ACCESS(@"SEL$20" "O1"@"SEL$20")
NO_ACCESS(@"SEL$20" "J1"@"SEL$20")
NO_ACCESS(@"SEL$20" "JD1"@"SEL$20")
LEADING(@"SEL$20" "U1"@"SEL$20" "O1"@"SEL$20" "J1"@"SEL$20"
"JD1"@"SEL$20")
USE_NL(@"SEL$20" "O1"@"SEL$20")
USE_HASH(@"SEL$20" "J1"@"SEL$20")
USE_HASH(@"SEL$20" "JD1"@"SEL$20")
NO_ACCESS(@"SEL$1FB6C052" "DD"@"SEL$14")
FULL(@"SEL$1FB6C052" "D"@"SEL$15")
LEADING(@"SEL$1FB6C052" "DD"@"SEL$14" "D"@"SEL$15")
USE_HASH(@"SEL$1FB6C052" "D"@"SEL$15")
INDEX_RS_ASC(@"SEL$5F3F0374" "U"@"SEL$18" ("USER$"."NAME"))
INDEX(@"SEL$5F3F0374" "O"@"SEL$18" ("OBJ$"."OWNER#" "OBJ$"."NAME"
"OBJ$"."NAMESPACE" "OBJ$"."REMOTEOWNER" "OBJ$"."LINKNAME"
"OBJ$"."SUBNAME" "OBJ$"."TYPE#" "OBJ$"."SPARE3" "OBJ$"."OBJ#"))
INDEX_RS_ASC(@"SEL$5F3F0374" "J1"@"SEL$18" ("SCHEDULER$_JOB"."OBJ#"))
INDEX(@"SEL$5F3F0374" "W"@"SEL$17" ("SCHEDULER$_WINDOW_GROUP"."OBJ#"))
INDEX(@"SEL$5F3F0374" "WG"@"SEL$17" ("SCHEDULER$_WINGRP_MEMBER"."OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID2"))
INDEX(@"SEL$5F3F0374" "D"@"SEL$17" ("SCHEDULER$_DESTINATIONS"."OBJ#"))
INDEX(@"SEL$5F3F0374" "CMO"@"SEL$17" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX(@"SEL$5F3F0374" "CMU"@"SEL$17" ("USER$"."USER#" "USER$"."TYPE#"
"USER$"."SPARE1" "USER$"."SPARE2"))
INDEX(@"SEL$5F3F0374" "WMO"@"SEL$17" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX(@"SEL$5F3F0374" "WMU"@"SEL$17" ("USER$"."USER#" "USER$"."TYPE#"
"USER$"."SPARE1" "USER$"."SPARE2"))

```

```

LEADING(@"SEL$5F3F0374" "U"@"SEL$18" "O"@"SEL$18" "J1"@"SEL$18"
"W"@"SEL$17" "WG"@"SEL$17" "D"@"SEL$17" "CMO"@"SEL$17" "CMU"@"SEL$17"
"WMO"@"SEL$17" "WMU"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "O"@"SEL$18")
USE_NL(@"SEL$5F3F0374" "J1"@"SEL$18")
USE_NL(@"SEL$5F3F0374" "W"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "WG"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "D"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "CMO"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "CMU"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "WMO"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "WMU"@"SEL$17")
INDEX(@"SEL$19" "WM"@"SEL$19" ("SCHEDULER$_WINGRP_MEMBER"."OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID2"))
FULL(@"SEL$A065B7E5" "D"@"SEL$28")
INDEX(@"SEL$A065B7E5" "O"@"SEL$28" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
LEADING(@"SEL$A065B7E5" "D"@"SEL$28" "O"@"SEL$28")
USE_NL(@"SEL$A065B7E5" "O"@"SEL$28")
NLJ_BATCHING(@"SEL$A065B7E5" "O"@"SEL$28")
FULL(@"SEL$1C34B9A1" "D"@"SEL$26")
INDEX(@"SEL$1C34B9A1" "AO"@"SEL$26" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX_RS_ASC(@"SEL$1C34B9A1" "O"@"SEL$26" ("OBJ$"."OBJ#"
"OBJ$"."OWNER#" "OBJ$"."TYPE#"))
INDEX(@"SEL$1C34B9A1" "U"@"SEL$26" "I_USER#")
LEADING(@"SEL$1C34B9A1" "D"@"SEL$26" "AO"@"SEL$26" "O"@"SEL$26"
"U"@"SEL$26")
USE_NL(@"SEL$1C34B9A1" "AO"@"SEL$26")
USE_NL(@"SEL$1C34B9A1" "O"@"SEL$26")
USE_NL(@"SEL$1C34B9A1" "U"@"SEL$26")
INDEX_SS(@"SEL$24" "LO1"@"SEL$24" ("SCHEDULER$_LWJOB_OBJ"."USERID"
"SCHEDULER$_LWJOB_OBJ"."NAME" "SCHEDULER$_LWJOB_OBJ"."SUBNAME"))
INDEX_FFS(@"SEL$23" "RO1"@"SEL$23" ("OBJ$"."OWNER#" "OBJ$"."NAME"
"OBJ$"."NAMESPACE" "OBJ$"."REMOTEOWNER" "OBJ$"."LINKNAME"
"OBJ$"."SUBNAME" "OBJ$"."TYPE#" "OBJ$"."SPARE3" "OBJ$"."OBJ#"))
FULL(@"SEL$22" "LJ1"@"SEL$22")
FULL(@"SEL$21" "RJ1"@"SEL$21")
END_OUTLINE_DATA

```

\*/

```

Statistic findings:
kestsDumpFinding(): dump finding structure
Finding List:
  STALE STAT Finding(s)
    find typ=STALE STAT
    TABLE: SYS.WRI$_ADV_EXECUTIONS
    find typ=STALE STAT
    TABLE: SYS.WRI$_ADV_TASKS
    find typ=STALE STAT
    TABLE: SYS.WRI$_ADV_PARAMETERS
Profile findings (not returned to caller):
kestsDumpFinding(): dump finding structure

```



Finding List:

```
HINT Finding(s)
  find typ=HINT
    OPT_ESTIMATE(@"SEL$916FDCC7", TABLE, "E"@SEL$35",
SCALE_ROWS=0.4427442331)
  find typ=HINT
    OPT_ESTIMATE(@"SEL$5F9076AD", TABLE, "E"@SEL$35",
SCALE_ROWS=0.4427442331)
  find typ=HINT
    OPT_ESTIMATE(@"SEL$9CF1E98E", TABLE, "E"@SEL$33",
SCALE_ROWS=0.4427442331)
  find typ=HINT
    OPT_ESTIMATE(@"SEL$31", INDEX_FILTER, "PO"@SEL$31", "I_OBJ1",
SCALE_ROWS=22.0875)
  find typ=HINT
    OPT_ESTIMATE(@"SEL$CBADD118", INDEX_FILTER, "PO"@SEL$31",
"I_OBJ1", SCALE_ROWS=22.0875)
  find typ=HINT
    OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("JL"@SEL$1", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9", "A"@SEL$7", "A"@SEL$5"),
SCALE_ROWS=47.98635612)
  find typ=HINT
    OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("J"@SEL$2", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$5"), SCALE_ROWS=38.56912029)
  find typ=HINT
    OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("A"@SEL$11", "A"@SEL$9",
"E"@SEL$5", "A"@SEL$5"), SCALE_ROWS=37.40153844)
  find typ=HINT
    OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("J"@SEL$2", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "A"@SEL$5"),
SCALE_ROWS=47.98635612)
  find typ=HINT
    OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$9",
("JL"@SEL$1", "J"@SEL$2", "A"@SEL$7", "E"@SEL$5", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.948134849)
  find typ=HINT
    OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$9",
("JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
  find typ=HINT
    OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$9",
("J"@SEL$2", "E"@SEL$5", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=0.1619389587)
  find typ=HINT
    OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$9",
("JL"@SEL$1", "J"@SEL$2", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=0.1619389587)
  find typ=HINT
    OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$9",
("A"@SEL$7", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.948134849)
  find typ=HINT
    OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("J"@SEL$2", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$7", "A"@SEL$5"), SCALE_ROWS=3.392974675)
```

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find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "A"@SEL$9", "E"@SEL$5",
"A"@SEL$5"), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("JL"@SEL$1", "J"@SEL$2", "A"@SEL$9", "E"@SEL$5", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=0.1305959344)
find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("JL"@SEL$1", "A"@SEL$11",
"A"@SEL$9", "A"@SEL$5"), SCALE_ROWS=37.40153844)
find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("JL"@SEL$1", "A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "A"@SEL$9", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("J"@SEL$2", "A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=44.53321364)
find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("JL"@SEL$1", "A"@SEL$11", "E"@SEL$5", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("JL"@SEL$1", "J"@SEL$2", "A"@SEL$11", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=0.1619389587)
find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("J"@SEL$2", "A"@SEL$11",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$5"), SCALE_ROWS=4.28545781)
find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("JL"@SEL$1", "A"@SEL$9", "E"@SEL$5", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.948134849)
find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("JL"@SEL$1", "J"@SEL$2", "A"@SEL$9", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=0.1305959344)
find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("JL"@SEL$1", "A"@SEL$11", "A"@SEL$9", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
find typ=HINT
OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)

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        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("A"@SEL$11", "E"@SEL$5", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.048473968)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("J"@SEL$2", "A"@SEL$11", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.048473968)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("J"@SEL$2", "E"@SEL$5", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.048473968)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("A"@SEL$9", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=44.53321364)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("JL"@SEL$1", "J"@SEL$2", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=0.1619389587)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("A"@SEL$9", "E"@SEL$5", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.948134849)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("J"@SEL$2", "A"@SEL$9", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.948134849)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("A"@SEL$11", "A"@SEL$9", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=44.53321364)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$7",
("A"@SEL$11", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.048473968)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("JL"@SEL$1", "J"@SEL$2",
"A"@SEL$5"), SCALE_ROWS=25)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("A"@SEL$11", "A"@SEL$9",
"A"@SEL$7", "A"@SEL$5"), SCALE_ROWS=46.53369145)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("JL"@SEL$1", "J"@SEL$2", "A"@SEL$9", "A"@SEL$7", "E"@SEL$5",
"A"@SEL$5"), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=44.53321364)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("JL"@SEL$1", "A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=6.361887664)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("JL"@SEL$1", "J"@SEL$2", "A"@SEL$9", "A"@SEL$7", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=0.1305959344)

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```

        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("JL"@SEL$1", "J"@SEL$2", "A"@SEL$9", "E"@SEL$5", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=0.1305959344)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("J"@SEL$2", "A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=0.1625299768)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("JL"@SEL$1", "A"@SEL$9", "A"@SEL$7", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=44.53321364)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("JL"@SEL$1", "J"@SEL$2", "E"@SEL$5", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("JL"@SEL$1", "A"@SEL$9", "E"@SEL$5", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.948134849)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("A"@SEL$9", "A"@SEL$7", "E"@SEL$5", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=6.361887664)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("JL"@SEL$1", "J"@SEL$2", "A"@SEL$9", "A"@SEL$5"),
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=0.1305959344)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("J"@SEL$2", "E"@SEL$5",
"A"@SEL$5"), SCALE_ROWS=25)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("JL"@SEL$1", "J"@SEL$2",
"A"@SEL$9", "A"@SEL$5"), SCALE_ROWS=38.56912029)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("J"@SEL$2", "E"@SEL$5", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.048473968)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("JL"@SEL$1", "E"@SEL$5", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.048473968)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("JL"@SEL$1", "J"@SEL$2", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.048473968)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("A"@SEL$9", "A"@SEL$7", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=6.361887664)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", TABLE, "A"@SEL$5", SCALE_ROWS=100)
        find typ=HINT

```

```

        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("JL"@SEL$1", "A"@SEL$9", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.948134849)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("A"@SEL$9", "E"@SEL$5", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.948134849)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("J"@SEL$2", "A"@SEL$9", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.948134849)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("J"@SEL$2", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=101.2118492)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("A"@SEL$7", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.948134849)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("A"@SEL$9", "A"@SEL$5"), "WRI$ADV_PARAMETERS_PK",
SCALE_ROWS=4.948134849)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", NLJ_INDEX_SCAN, "A"@SEL$11",
("A"@SEL$5"), "WRI$ADV_PARAMETERS_PK", SCALE_ROWS=4.048473968)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("J"@SEL$2", "A"@SEL$9",
"E"@SEL$5", "A"@SEL$5"), SCALE_ROWS=38.56912029)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("J"@SEL$2", "A"@SEL$11",
"A"@SEL$7", "E"@SEL$5", "A"@SEL$5"), SCALE_ROWS=31.10412926)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("JL"@SEL$1", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$9", "E"@SEL$5", "A"@SEL$5"),
SCALE_ROWS=38.56912029)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("J"@SEL$2", "A"@SEL$11",
"A"@SEL$5"), SCALE_ROWS=25)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("JL"@SEL$1", "J"@SEL$2",
"A"@SEL$9", "E"@SEL$5", "A"@SEL$5"), SCALE_ROWS=38.56912029)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", INDEX_FILTER, "A"@SEL$11",
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=0.1131059246)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("JL"@SEL$1", "J"@SEL$2",
"A"@SEL$11", "A"@SEL$7", "A"@SEL$5"), SCALE_ROWS=1.244165171)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("JL"@SEL$1", "J"@SEL$2",
"E"@SEL$5", "A"@SEL$5"), SCALE_ROWS=1)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", INDEX_SKIP_SCAN, "A"@SEL$11",
"WRI$ADV_PARAMETERS_PK", SCALE_ROWS=0.1131059246)

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        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", TABLE, "A"@SEL$11",
SCALE_ROWS=0.1131059246)
        find typ=HINT
        OPT_ESTIMATE(@"SEL$E6BC9F71", JOIN, ("J"@SEL$2", "A"@SEL$9",
"A"@SEL$7", "A"@SEL$5"), SCALE_ROWS=47.98635612)
        find typ=HINT
        COLUMN_STATS("SYS"."WRI$_ADV_EXECUTIONS", "EXEC_START", scale,
length=7 distinct=26)
        find typ=HINT
        COLUMN_STATS("SYS"."WRI$_ADV_EXECUTIONS", "EXEC_END", scale,
length=7)
        find typ=HINT
        COLUMN_STATS("SYS"."WRI$_ADV_EXECUTIONS", "STATUS", scale,
length=2)
        find typ=HINT
        COLUMN_STATS("SYS"."WRI$_ADV_EXECUTIONS", "TASK_ID", scale,
length=3 distinct=10 nulls=0 min=627 max=1293)
        find typ=HINT
        COLUMN_STATS("SYS"."WRI$_ADV_EXECUTIONS", "ADVISOR_ID", scale,
length=2 distinct=2 nulls=0 min=4 max=8)
        find typ=HINT
        COLUMN_STATS("SYS"."WRI$_ADV_EXECUTIONS", "NAME", scale,
length=14 distinct=12 nulls=0 min=36005882287781398000000000000000000000
max=43236545835186600000000000000000000000)
        find typ=HINT
        TABLE_STATS("SYS"."WRI$_ADV_EXECUTIONS", scale, blocks=5 rows=26)
        find typ=HINT
        COLUMN_STATS("SYS"."WRI$_ADV_TASKS", "ADVISOR_NAME", scale,
length=23 nulls=0 min=43260954577735097000000000000000000000
max=43260954578226193000000000000000000000)
        find typ=HINT
        COLUMN_STATS("SYS"."WRI$_ADV_TASKS", "NAME", scale, length=18
nulls=0 min=43242352951221306000000000000000000000
max=43747789192910695000000000000000000000)
        find typ=HINT
        COLUMN_STATS("SYS"."WRI$_ADV_TASKS", "OWNER_NAME", scale,
length=4 distinct=2 nulls=0 min=38596001635959303000000000000000000000
max=43277234965060401000000000000000000000)
        find typ=HINT
        COLUMN_STATS("SYS"."WRI$_ADV_TASKS", "ID", scale, length=3
distinct=11 nulls=0 min=1 max=1293)
        find typ=HINT
        COLUMN_STATS("SYS"."WRI$_ADV_TASKS", "DESCRIPTION", scale,
length=5)
        find typ=HINT
        COLUMN_STATS("SYS"."WRI$_ADV_TASKS", "CTIME", scale, length=7)
        find typ=HINT
        COLUMN_STATS("SYS"."WRI$_ADV_TASKS", "EXEC_START", scale,
length=0 distinct=0)
        find typ=HINT
        COLUMN_STATS("SYS"."WRI$_ADV_TASKS", "EXEC_END", scale, length=0)
        find typ=HINT
        COLUMN_STATS("SYS"."WRI$_ADV_TASKS", "STATUS", scale, length=1)

```

```

    find typ=HINT
    COLUMN_STATS("SYS"."WRI$_ADV_TASKS", "REC_COUNT", scale, length=1)
    find typ=HINT
    COLUMN_STATS("SYS"."WRI$_ADV_TASKS", "ADVISOR_ID", scale,
length=2 distinct=2 nulls=0 min=4 max=8)
    find typ=HINT
    COLUMN_STATS("SYS"."WRI$_ADV_TASKS", "LAST_EXEC_NAME", scale,
length=8 distinct=10 nulls=1 min=360058822877813980000000000000000000
max=360058822877851980000000000000000000)
    find typ=HINT
    COLUMN_STATS("SYS"."WRI$_ADV_TASKS", "PROPERTY", scale, length=2
distinct=2 nulls=0 min=4 max=52)
    find typ=HINT
    TABLE_STATS("SYS"."WRI$_ADV_TASKS", scale, blocks=5 rows=11)
    find typ=HINT
    COLUMN_STATS("SYS"."WRI$_ADV_PARAMETERS", "TASK_ID", scale,
length=3 distinct=11 nulls=0 min=1 max=1293)
    find typ=HINT
    COLUMN_STATS("SYS"."WRI$_ADV_PARAMETERS", "VALUE", scale,
length=6 distinct=31 nulls=0)
    find typ=HINT
    COLUMN_STATS("SYS"."WRI$_ADV_PARAMETERS", "NAME", scale,
length=15 distinct=63 nulls=0 min=338863546986674960000000000000000000
max=494978440874693040000000000000000000)
    find typ=HINT
    TABLE_STATS("SYS"."WRI$_ADV_PARAMETERS", scale, blocks=35
rows=557)
    find typ=HINT
    ALL_ROWS
    find typ=HINT
    OPTIMIZER_FEATURES_ENABLE(default)
    find typ=HINT
    IGNORE_OPTIM_EMBEDDED_HINTS
    kestsDumpXpl(): dump explain plan(s): first type=original
    Explain Plan List:
    Dumping plan with type=original

```

```

=====
Plan Table
=====

```

```

-----+-----
| Id | Operation | Name |
| Rows | Bytes | Cost | Time |
-----+-----
| 0 | SELECT STATEMENT | | |
| 11 | 5786 | 245 | 00:00:03 |
| 1 | HASH JOIN OUTER | |
| 11 | 5786 | 245 | 00:00:03 |
| 2 | HASH JOIN OUTER | |
| 11 | 4092 | 129 | 00:00:02 |
| 3 | FILTER | |
| | | | |

```





```

| 31 |          NESTED LOOPS          | | |
|   1 |    165 |    4 | 00:00:01 |
| 32 |          NESTED LOOPS OUTER    |
|   1 |    156 |    3 | 00:00:01 |
| 33 |          NESTED LOOPS          |
|   1 |    151 |    2 | 00:00:01 |
| 34 |          TABLE ACCESS FULL    |
SCHEDULER$_LIGHTWEIGHT_JOB|   1 | 108 |    2 | 00:00:01 |
| 35 |          TABLE ACCESS BY INDEX ROWID | SCHEDULER$_LWJOB_OBJ
|   1 |    43 |    0 | 00:00:01 |
| 36 |          INDEX UNIQUE SCAN      | SCHEDULER$_LOBJ_PK
|   1 |      |    0 | 00:00:01 |
| 37 |          INDEX RANGE SCAN      | I_OBJ1
|   1 |    5 |    1 | 00:00:01 |
| 38 |          INDEX RANGE SCAN      | I_OBJ1
|   1 |    9 |    1 | 00:00:01 |
| 39 |          TABLE ACCESS CLUSTER |
USER$_                |   1 | 17 |    1 | 00:00:01 |
| 40 |          INDEX UNIQUE SCAN      | I_USER#
|   1 |      |    0 | 00:00:01 |
| 41 |          VIEW                    |
|  37 | 5698 | 115 | 00:00:02 |
| 42 |          NESTED LOOPS OUTER    |
|  37 | 2923 | 115 | 00:00:02 |
| 43 |          HASH JOIN              |
|  37 | 2738 |  78 | 00:00:01 |
| 44 |          VIEW                    | VW_NSO_1
|  93 | 1209 |  73 | 00:00:01 |
| 45 |          HASH UNIQUE            |
|  93 | 5208 |  73 | 00:00:01 |
| 46 |          WINDOW SORT            |
|  93 | 5208 |  73 | 00:00:01 |
| 47 |          HASH JOIN OUTER       |
|  93 | 5208 |  71 | 00:00:01 |
| 48 |          TABLE ACCESS FULL    | SCHEDULER$_EVENT_LOG
|  93 | 4743 |    5 | 00:00:01 |
| 49 |          INDEX FAST FULL SCAN   | I_OBJ1
| 73K | 367K |  65 | 00:00:01 |
| 50 |          TABLE ACCESS FULL    | SCHEDULER$_EVENT_LOG
|  93 | 5673 |    5 | 00:00:01 |
| 51 |          INDEX RANGE SCAN      | I_OBJ1
|   1 |    5 |    1 | 00:00:01 |

```

```

-----+-----
          Explain Plan (original): hash=1499986165 hash2=3977685166
cost=245.155131
Plan Status:
  status=(pst=SUCCESS)
*****
Execution Statistics
  Exec count:          1
  CR gets:            471
  CU gets:            0
  Disk Reads:         0

```

Disk Writes: 0  
IO Read Requests: 7  
IO Write Requests: 0  
Bytes Read: 114688  
Bytes Written: 0  
Bytes Exchanged with Storage: 114688  
Bytes Exchanged with Disk: 114688  
Bytes Simulated Read: 0  
Bytes Simulated Returned: 0  
Elapsed Time: 55 (ms)  
CPU Time: 14 (ms)  
User I/O Time: 0 (us)

Multiple Exec Cnt: 10  
Multiple Exec Flags 0

-----  
Outline plan information  
-----

Outline data:

----- Dump of outline -----

/\*+

```
BEGIN_OUTLINE_DATA
  IGNORE_OPTIM_EMBEDDED_HINTS
  OPTIMIZER_FEATURES_ENABLE('11.2.0.2')
  DB_VERSION('11.2.0.2')
  OPT_PARAM('result_cache_mode' 'FORCE')
  ALL_ROWS
  OUTLINE_LEAF(@"SEL$5")
  OUTLINE_LEAF(@"SEL$19")
  OUTLINE_LEAF(@"SEL$5F3F0374")
  ELIMINATE_JOIN(@"SEL$813C1359" "AD"@"SEL$17")
  OUTLINE_LEAF(@"SEL$1FB6C052")
  MERGE(@"SEL$15")
  OUTLINE_LEAF(@"SEL$21")
  OUTLINE_LEAF(@"SEL$22")
  OUTLINE_LEAF(@"SET$3")
  OUTLINE_LEAF(@"SEL$23")
  OUTLINE_LEAF(@"SEL$24")
  OUTLINE_LEAF(@"SET$4")
  OUTLINE_LEAF(@"SEL$1C34B9A1")
  ELIMINATE_JOIN(@"SEL$95423B40" "AD"@"SEL$26")
  OUTLINE_LEAF(@"SEL$A065B7E5")
  MERGE(@"SEL$28")
  OUTLINE_LEAF(@"SET$5")
  OUTLINE_LEAF(@"SEL$20")
  OUTLINE_LEAF(@"SET$2")
  OUTLINE_LEAF(@"SEL$13")
  OUTLINE_LEAF(@"SEL$20EAEDCE")
  MERGE(@"SEL$F7A62D4D")
  OUTLINE_LEAF(@"SEL$31")
  OUTLINE_LEAF(@"SET$1")
  OUTLINE_LEAF(@"SEL$916FDCC7")
  OUTLINE_LEAF(@"SEL$3CE29736")
```

UNNEST (@"SEL\$5F9076AD")  
OUTLINE\_LEAF (@"SEL\$E2A84955")  
MERGE (@"SEL\$A815D38B")  
OUTLINE (@"SEL\$813C1359")  
MERGE (@"SEL\$17")  
MERGE (@"SEL\$18")  
OUTLINE (@"SEL\$14")  
OUTLINE (@"SEL\$15")  
OUTLINE (@"SEL\$95423B40")  
MERGE (@"SEL\$26")  
OUTLINE (@"SEL\$27")  
OUTLINE (@"SEL\$28")  
OUTLINE (@"SEL\$12")  
OUTLINE (@"SEL\$F7A62D4D")  
MERGE (@"SEL\$30")  
OUTLINE (@"SEL\$5F9076AD")  
MERGE (@"SEL\$35")  
OUTLINE (@"SEL\$9CF1E98E")  
MERGE (@"SEL\$33")  
OUTLINE (@"SEL\$1")  
OUTLINE (@"SEL\$A815D38B")  
MERGE (@"SEL\$16B88241")  
OUTLINE (@"SEL\$16")  
OUTLINE (@"SEL\$17")  
OUTLINE (@"SEL\$18")  
OUTLINE (@"SEL\$25")  
OUTLINE (@"SEL\$26")  
OUTLINE (@"SEL\$29")  
OUTLINE (@"SEL\$30")  
OUTLINE (@"SEL\$34")  
OUTLINE (@"SEL\$35")  
OUTLINE (@"SEL\$32")  
OUTLINE (@"SEL\$33")  
OUTLINE (@"SEL\$2")  
OUTLINE (@"SEL\$16B88241")  
MERGE (@"SEL\$285A8194")  
MERGE (@"SEL\$4")  
MERGE (@"SEL\$68B588A0")  
MERGE (@"SEL\$CF5359D5")  
OUTLINE (@"SEL\$3")  
OUTLINE (@"SEL\$285A8194")  
MERGE (@"SEL\$11")  
OUTLINE (@"SEL\$4")  
OUTLINE (@"SEL\$68B588A0")  
MERGE (@"SEL\$7")  
OUTLINE (@"SEL\$CF5359D5")  
MERGE (@"SEL\$9")  
OUTLINE (@"SEL\$10")  
OUTLINE (@"SEL\$11")  
OUTLINE (@"SEL\$6")  
OUTLINE (@"SEL\$7")  
OUTLINE (@"SEL\$8")  
OUTLINE (@"SEL\$9")  
NO\_ACCESS (@"SEL\$E2A84955" "T"@"SEL\$4")

```

FULL (@"SEL$E2A84955" "A"@"SEL$7")
FULL (@"SEL$E2A84955" "A"@"SEL$9")
FULL (@"SEL$E2A84955" "A"@"SEL$11")
NO_ACCESS (@"SEL$E2A84955" "J"@"SEL$2")
NO_ACCESS (@"SEL$E2A84955" "JL"@"SEL$1")
LEADING (@"SEL$E2A84955" "T"@"SEL$4" "A"@"SEL$7" "A"@"SEL$9"
"A"@"SEL$11" "J"@"SEL$2" "JL"@"SEL$1")
USE_HASH (@"SEL$E2A84955" "A"@"SEL$7")
USE_HASH (@"SEL$E2A84955" "A"@"SEL$9")
USE_HASH (@"SEL$E2A84955" "A"@"SEL$11")
USE_HASH (@"SEL$E2A84955" "J"@"SEL$2")
USE_HASH (@"SEL$E2A84955" "JL"@"SEL$1")
SWAP_JOIN_INPUTS (@"SEL$E2A84955" "A"@"SEL$9")
SWAP_JOIN_INPUTS (@"SEL$E2A84955" "A"@"SEL$11")
FULL (@"SEL$5" "A"@"SEL$5")
FULL (@"SEL$5" "E"@"SEL$5")
LEADING (@"SEL$5" "A"@"SEL$5" "E"@"SEL$5")
USE_HASH (@"SEL$5" "E"@"SEL$5")
NO_ACCESS (@"SEL$3CE29736" "VW_NSO_1"@"SEL$3CE29736")
FULL (@"SEL$3CE29736" "E"@"SEL$33")
INDEX (@"SEL$3CE29736" "CO"@"SEL$33" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
LEADING (@"SEL$3CE29736" "VW_NSO_1"@"SEL$3CE29736" "E"@"SEL$33"
"CO"@"SEL$33")
USE_HASH (@"SEL$3CE29736" "E"@"SEL$33")
USE_NL (@"SEL$3CE29736" "CO"@"SEL$33")
FULL (@"SEL$916FDCC7" "E"@"SEL$35")
INDEX_FFS (@"SEL$916FDCC7" "CO"@"SEL$35" ("OBJ$"."OBJ#"
"OBJ$"."OWNER#" "OBJ$"."TYPE#"))
LEADING (@"SEL$916FDCC7" "E"@"SEL$35" "CO"@"SEL$35")
USE_HASH (@"SEL$916FDCC7" "CO"@"SEL$35")
USE_HASH_AGGREGATION (@"SEL$916FDCC7")
FULL (@"SEL$31" "L"@"SEL$31")
INDEX_RS_ASC (@"SEL$31" "LO"@"SEL$31" ("SCHEDULER$_LWJOB_OBJ"."OBJ#"))
INDEX (@"SEL$31" "LCO"@"SEL$31" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX (@"SEL$31" "PO"@"SEL$31" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX (@"SEL$31" "LU"@"SEL$31" "I_USER#")
LEADING (@"SEL$31" "L"@"SEL$31" "LO"@"SEL$31" "LCO"@"SEL$31"
"PO"@"SEL$31" "LU"@"SEL$31")
USE_NL (@"SEL$31" "LO"@"SEL$31")
USE_NL (@"SEL$31" "LCO"@"SEL$31")
USE_NL (@"SEL$31" "PO"@"SEL$31")
USE_NL (@"SEL$31" "LU"@"SEL$31")
FULL (@"SEL$20EAEDCE" "DI"@"SEL$30")
FULL (@"SEL$20EAEDCE" "J"@"SEL$12")
INDEX_RS_ASC (@"SEL$20EAEDCE" "JO"@"SEL$12" ("OBJ$"."OBJ#"
"OBJ$"."OWNER#" "OBJ$"."TYPE#"))
INDEX (@"SEL$20EAEDCE" "CO"@"SEL$12" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
FULL (@"SEL$20EAEDCE" "JU"@"SEL$12")
FULL (@"SEL$20EAEDCE" "DI2"@"SEL$30")

```

```

LEADING(@"SEL$20EAEDCE" "DI"@"SEL$30" "J"@"SEL$12" "JO"@"SEL$12"
"CO"@"SEL$12" "JU"@"SEL$12" "DI2"@"SEL$30")
USE_NL(@"SEL$20EAEDCE" "J"@"SEL$12")
USE_NL(@"SEL$20EAEDCE" "JO"@"SEL$12")
USE_NL(@"SEL$20EAEDCE" "CO"@"SEL$12")
USE_HASH(@"SEL$20EAEDCE" "JU"@"SEL$12")
USE_MERGE_CARTESIAN(@"SEL$20EAEDCE" "DI2"@"SEL$30")
NO_ACCESS(@"SEL$13" "DJD"@"SEL$13")
INDEX_RS_ASC(@"SEL$20" "U1"@"SEL$20" ("USER$"."NAME"))
NO_ACCESS(@"SEL$20" "O1"@"SEL$20")
NO_ACCESS(@"SEL$20" "J1"@"SEL$20")
NO_ACCESS(@"SEL$20" "JD1"@"SEL$20")
LEADING(@"SEL$20" "U1"@"SEL$20" "O1"@"SEL$20" "J1"@"SEL$20"
"JD1"@"SEL$20")
USE_NL(@"SEL$20" "O1"@"SEL$20")
USE_HASH(@"SEL$20" "J1"@"SEL$20")
USE_HASH(@"SEL$20" "JD1"@"SEL$20")
NO_ACCESS(@"SEL$1FB6C052" "DD"@"SEL$14")
FULL(@"SEL$1FB6C052" "D"@"SEL$15")
LEADING(@"SEL$1FB6C052" "DD"@"SEL$14" "D"@"SEL$15")
USE_HASH(@"SEL$1FB6C052" "D"@"SEL$15")
INDEX_RS_ASC(@"SEL$5F3F0374" "U"@"SEL$18" ("USER$"."NAME"))
INDEX(@"SEL$5F3F0374" "O"@"SEL$18" ("OBJ$"."OWNER#" "OBJ$"."NAME"
"OBJ$"."NAMESPACE" "OBJ$"."REMOTEOWNER" "OBJ$"."LINKNAME"
"OBJ$"."SUBNAME" "OBJ$"."TYPE#" "OBJ$"."SPARE3" "OBJ$"."OBJ#"))
INDEX_RS_ASC(@"SEL$5F3F0374" "J1"@"SEL$18" ("SCHEDULER$_JOB"."OBJ#"))
INDEX(@"SEL$5F3F0374" "W"@"SEL$17" ("SCHEDULER$_WINDOW_GROUP"."OBJ#"))
INDEX(@"SEL$5F3F0374" "WG"@"SEL$17" ("SCHEDULER$_WINGRP_MEMBER"."OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID2"))
INDEX(@"SEL$5F3F0374" "D"@"SEL$17" ("SCHEDULER$_DESTINATIONS"."OBJ#"))
INDEX(@"SEL$5F3F0374" "CMO"@"SEL$17" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX(@"SEL$5F3F0374" "CMU"@"SEL$17" ("USER$"."USER#" "USER$"."TYPE#"
"USER$"."SPARE1" "USER$"."SPARE2"))
INDEX(@"SEL$5F3F0374" "WMO"@"SEL$17" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX(@"SEL$5F3F0374" "WMU"@"SEL$17" ("USER$"."USER#" "USER$"."TYPE#"
"USER$"."SPARE1" "USER$"."SPARE2"))
LEADING(@"SEL$5F3F0374" "U"@"SEL$18" "O"@"SEL$18" "J1"@"SEL$18"
"W"@"SEL$17" "WG"@"SEL$17" "D"@"SEL$17" "CMO"@"SEL$17" "CMU"@"SEL$17"
"WMO"@"SEL$17" "WMU"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "O"@"SEL$18")
USE_NL(@"SEL$5F3F0374" "J1"@"SEL$18")
USE_NL(@"SEL$5F3F0374" "W"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "WG"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "D"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "CMO"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "CMU"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "WMO"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "WMU"@"SEL$17")
INDEX(@"SEL$19" "WM"@"SEL$19" ("SCHEDULER$_WINGRP_MEMBER"."OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID2"))

```

```

FULL(@"SEL$A065B7E5" "D"@SEL$28")
INDEX(@"SEL$A065B7E5" "O"@SEL$28" ("OBJ$".OBJ#" "OBJ$".OWNER#"
"OBJ$".TYPE#))
LEADING(@"SEL$A065B7E5" "D"@SEL$28" "O"@SEL$28")
USE_NL(@"SEL$A065B7E5" "O"@SEL$28")
NLJ_BATCHING(@"SEL$A065B7E5" "O"@SEL$28")
FULL(@"SEL$1C34B9A1" "D"@SEL$26")
INDEX(@"SEL$1C34B9A1" "AO"@SEL$26" ("OBJ$".OBJ#" "OBJ$".OWNER#"
"OBJ$".TYPE#))
INDEX_RS_ASC(@"SEL$1C34B9A1" "O"@SEL$26" ("OBJ$".OBJ#"
"OBJ$".OWNER#" "OBJ$".TYPE#))
INDEX(@"SEL$1C34B9A1" "U"@SEL$26" "I_USER#")
LEADING(@"SEL$1C34B9A1" "D"@SEL$26" "AO"@SEL$26" "O"@SEL$26"
"U"@SEL$26")
USE_NL(@"SEL$1C34B9A1" "AO"@SEL$26")
USE_NL(@"SEL$1C34B9A1" "O"@SEL$26")
USE_NL(@"SEL$1C34B9A1" "U"@SEL$26")
INDEX_SS(@"SEL$24" "LO1"@SEL$24" ("SCHEDULER$_LWJOB_OBJ".USERID"
"SCHEDULER$_LWJOB_OBJ".NAME" "SCHEDULER$_LWJOB_OBJ".SUBNAME))
INDEX_FFS(@"SEL$23" "RO1"@SEL$23" ("OBJ$".OWNER#" "OBJ$".NAME"
"OBJ$".NAMESPACE" "OBJ$".REMOTEOWNER" "OBJ$".LINKNAME"
"OBJ$".SUBNAME" "OBJ$".TYPE#" "OBJ$".SPARE3" "OBJ$".OBJ#))
FULL(@"SEL$22" "LJ1"@SEL$22")
FULL(@"SEL$21" "RJ1"@SEL$21")
END_OUTLINE_DATA

```

\*/

Adjusted plan (not returned to caller):  
kestsDumpXpl(): dump explain plan(s): first type=adjusted  
Explain Plan List:

Dumping plan with type=adjusted

=====  
Plan Table  
=====

```

-----+-----
| Id | Operation | Name |
| Rows | Bytes | Cost | Time |
-----+-----
| 0 | SELECT STATEMENT | | |
| 1 | 521 | 215 | 00:00:03 |
| 1 | HASH JOIN OUTER | |
| 1 | 521 | 215 | 00:00:03 |
| 2 | HASH JOIN OUTER | |
| 1 | 367 | 129 | 00:00:02 |
| 3 | FILTER | |
| 4 | HASH JOIN RIGHT OUTER | |
| 1 | 290 | 41 | 00:00:01 |
| 5 | TABLE ACCESS FULL | WRI$_ADV_PARAMETERS |
| 9 | 216 | 11 | 00:00:01 |

```

6		HASH JOIN							
	2	532	30	00:00:01					
7		TABLE ACCESS FULL							WRI\$_ADV_PARAMETERS
	9	216	11	00:00:01					
8		HASH JOIN							
	1	242	18	00:00:01					
9		VIEW							DBA_ADVISOR_TASKS
	1	218	7	00:00:01					
10		FILTER							
11		HASH JOIN OUTER							
	1	111	7	00:00:01					
12		TABLE ACCESS FULL							WRI\$_ADV_TASKS
	1	76	3	00:00:01					
13		TABLE ACCESS FULL							WRI\$_ADV_EXECUTIONS
	26	910	3	00:00:01					
14		TABLE ACCESS FULL							WRI\$_ADV_PARAMETERS
	9	216	11	00:00:01					
15		VIEW							DBA_SCHEDULER_JOBS
	26	2002	88	00:00:02					
16		UNION-ALL							
17		MERGE JOIN CARTESIAN							
	25	2950	83	00:00:01					
18		HASH JOIN							
	25	2950	83	00:00:01					
19		NESTED LOOPS OUTER							
	25	2525	79	00:00:01					
20		NESTED LOOPS							
	25	2400	54	00:00:01					
21		NESTED LOOPS							
	25	1575	4	00:00:01					
22		FIXED TABLE FULL							X\$KCCDI
	1	13	0	00:00:01					
23		TABLE ACCESS FULL							SCHEDULER\$_JOB
	25	1250	4	00:00:01					
24		TABLE ACCESS BY INDEX ROWID							
OBJ\$_			1	33	2	00:00:01			
25		INDEX RANGE SCAN							I_OBJ1
	1		1	00:00:01					
26		INDEX RANGE SCAN							I_OBJ1
	1	5	1	00:00:01					
27		TABLE ACCESS FULL							
USER\$_			97	1649	3	00:00:01			
28		BUFFER SORT							
	1		80	00:00:01					
29		FIXED TABLE FULL							X\$KCCDI2
	1		0	00:00:01					
30		NESTED LOOPS							
	1	182	5	00:00:01					
31		NESTED LOOPS							
	1	165	4	00:00:01					
32		NESTED LOOPS OUTER							
	1	156	3	00:00:01					

```

| 33 |          NESTED LOOPS          | | |
|   1 |   151 |   2 | 00:00:01 |
| 34 |          TABLE ACCESS FULL    |
SCHEDULER$_LIGHTWEIGHT_JOB|   1 | 108 |   2 | 00:00:01 |
| 35 |          TABLE ACCESS BY INDEX ROWID | SCHEDULER$_LWJOB_OBJ
|   1 |   43 |   0 | 00:00:01 |
| 36 |          INDEX UNIQUE SCAN      | SCHEDULER$_LOBJ_PK
|   1 |     |   0 | 00:00:01 |
| 37 |          INDEX RANGE SCAN      | I_OBJ1
|   1 |   5 |   1 | 00:00:01 |
| 38 |          INDEX RANGE SCAN      | I_OBJ1
|   1 |   9 |   1 | 00:00:01 |
| 39 |          TABLE ACCESS CLUSTER  |
USERS$          |   1 | 17 |   1 | 00:00:01 |
| 40 |          INDEX UNIQUE SCAN      | I_USER#
|   1 |     |   0 | 00:00:01 |
| 41 |          VIEW                   |
|   7 | 1078 | 85 | 00:00:02 |
| 42 |          NESTED LOOPS OUTER    |
|   7 | 553 | 85 | 00:00:02 |
| 43 |          HASH JOIN              |
|   7 | 518 | 78 | 00:00:01 |
| 44 |          VIEW                   | VW_NSO_1
|  41 | 533 | 73 | 00:00:01 |
| 45 |          HASH UNIQUE            |
|  41 | 2296 | 73 | 00:00:01 |
| 46 |          WINDOW SORT           |
|  41 | 2296 | 73 | 00:00:01 |
| 47 |          HASH JOIN OUTER       |
|  41 | 2296 | 71 | 00:00:01 |
| 48 |          TABLE ACCESS FULL    | SCHEDULER$_EVENT_LOG
|  41 | 2091 | 5 | 00:00:01 |
| 49 |          INDEX FAST FULL SCAN   | I_OBJ1
| 73K | 367K | 65 | 00:00:01 |
| 50 |          TABLE ACCESS FULL    | SCHEDULER$_EVENT_LOG
|  41 | 2501 | 5 | 00:00:01 |
| 51 |          INDEX RANGE SCAN      | I_OBJ1
|   1 |   5 |   1 | 00:00:01 |

```

```

+-----+
      Explain Plan (adjusted): hash=1499986165 hash2=3977685166
cost=215.077738
Plan Status:
  status=(pst=ERROR)

```

```

-----
Outline plan information
-----

```

```

Outline data:

```

```

----- Dump of outline -----

```

```

/*+

```

```

  BEGIN_OUTLINE_DATA
  IGNORE_OPTIM_EMBEDDED_HINTS
  OPTIMIZER_FEATURES_ENABLE('11.2.0.2')

```



```
DB_VERSION('11.2.0.2')
OPT_PARAM('result_cache_mode' 'FORCE')
ALL_ROWS
OUTLINE_LEAF(@"SEL$5")
OUTLINE_LEAF(@"SEL$19")
OUTLINE_LEAF(@"SEL$5F3F0374")
ELIMINATE_JOIN(@"SEL$813C1359" "AD"@"SEL$17")
OUTLINE_LEAF(@"SEL$1FB6C052")
MERGE(@"SEL$15")
OUTLINE_LEAF(@"SEL$21")
OUTLINE_LEAF(@"SEL$22")
OUTLINE_LEAF(@"SET$3")
OUTLINE_LEAF(@"SEL$23")
OUTLINE_LEAF(@"SEL$24")
OUTLINE_LEAF(@"SET$4")
OUTLINE_LEAF(@"SEL$1C34B9A1")
ELIMINATE_JOIN(@"SEL$95423B40" "AD"@"SEL$26")
OUTLINE_LEAF(@"SEL$A065B7E5")
MERGE(@"SEL$28")
OUTLINE_LEAF(@"SET$5")
OUTLINE_LEAF(@"SEL$20")
OUTLINE_LEAF(@"SET$2")
OUTLINE_LEAF(@"SEL$13")
OUTLINE_LEAF(@"SEL$20EAEDCE")
MERGE(@"SEL$F7A62D4D")
OUTLINE_LEAF(@"SEL$31")
OUTLINE_LEAF(@"SET$1")
OUTLINE_LEAF(@"SEL$916FDCC7")
OUTLINE_LEAF(@"SEL$3CE29736")
UNNEST(@"SEL$5F9076AD")
OUTLINE_LEAF(@"SEL$E2A84955")
MERGE(@"SEL$A815D38B")
OUTLINE(@"SEL$813C1359")
MERGE(@"SEL$17")
MERGE(@"SEL$18")
OUTLINE(@"SEL$14")
OUTLINE(@"SEL$15")
OUTLINE(@"SEL$95423B40")
MERGE(@"SEL$26")
OUTLINE(@"SEL$27")
OUTLINE(@"SEL$28")
OUTLINE(@"SEL$12")
OUTLINE(@"SEL$F7A62D4D")
MERGE(@"SEL$30")
OUTLINE(@"SEL$5F9076AD")
MERGE(@"SEL$35")
OUTLINE(@"SEL$9CF1E98E")
MERGE(@"SEL$33")
OUTLINE(@"SEL$1")
OUTLINE(@"SEL$A815D38B")
MERGE(@"SEL$16B88241")
OUTLINE(@"SEL$16")
OUTLINE(@"SEL$17")
OUTLINE(@"SEL$18")
```

```

OUTLINE (@"SEL$25")
OUTLINE (@"SEL$26")
OUTLINE (@"SEL$29")
OUTLINE (@"SEL$30")
OUTLINE (@"SEL$34")
OUTLINE (@"SEL$35")
OUTLINE (@"SEL$32")
OUTLINE (@"SEL$33")
OUTLINE (@"SEL$2")
OUTLINE (@"SEL$16B88241")
MERGE (@"SEL$285A8194")
MERGE (@"SEL$4")
MERGE (@"SEL$68B588A0")
MERGE (@"SEL$CF5359D5")
OUTLINE (@"SEL$3")
OUTLINE (@"SEL$285A8194")
MERGE (@"SEL$11")
OUTLINE (@"SEL$4")
OUTLINE (@"SEL$68B588A0")
MERGE (@"SEL$7")
OUTLINE (@"SEL$CF5359D5")
MERGE (@"SEL$9")
OUTLINE (@"SEL$10")
OUTLINE (@"SEL$11")
OUTLINE (@"SEL$6")
OUTLINE (@"SEL$7")
OUTLINE (@"SEL$8")
OUTLINE (@"SEL$9")
NO_ACCESS (@"SEL$E2A84955" "T"@"SEL$4")
FULL (@"SEL$E2A84955" "A"@"SEL$7")
FULL (@"SEL$E2A84955" "A"@"SEL$9")
FULL (@"SEL$E2A84955" "A"@"SEL$11")
NO_ACCESS (@"SEL$E2A84955" "J"@"SEL$2")
NO_ACCESS (@"SEL$E2A84955" "JL"@"SEL$1")
LEADING (@"SEL$E2A84955" "T"@"SEL$4" "A"@"SEL$7" "A"@"SEL$9"
"A"@"SEL$11" "J"@"SEL$2" "JL"@"SEL$1")
USE_HASH (@"SEL$E2A84955" "A"@"SEL$7")
USE_HASH (@"SEL$E2A84955" "A"@"SEL$9")
USE_HASH (@"SEL$E2A84955" "A"@"SEL$11")
USE_HASH (@"SEL$E2A84955" "J"@"SEL$2")
USE_HASH (@"SEL$E2A84955" "JL"@"SEL$1")
SWAP_JOIN_INPUTS (@"SEL$E2A84955" "A"@"SEL$9")
SWAP_JOIN_INPUTS (@"SEL$E2A84955" "A"@"SEL$11")
FULL (@"SEL$5" "A"@"SEL$5")
FULL (@"SEL$5" "E"@"SEL$5")
LEADING (@"SEL$5" "A"@"SEL$5" "E"@"SEL$5")
USE_HASH (@"SEL$5" "E"@"SEL$5")
NO_ACCESS (@"SEL$3CE29736" "VW_NSO_1"@"SEL$3CE29736")
FULL (@"SEL$3CE29736" "E"@"SEL$33")
INDEX (@"SEL$3CE29736" "CO"@"SEL$33" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
LEADING (@"SEL$3CE29736" "VW_NSO_1"@"SEL$3CE29736" "E"@"SEL$33"
"CO"@"SEL$33")
USE_HASH (@"SEL$3CE29736" "E"@"SEL$33")

```

```

USE_NL(@"SEL$3CE29736" "CO"@"SEL$33")
FULL(@"SEL$916FDCC7" "E"@"SEL$35")
INDEX_FFS(@"SEL$916FDCC7" "CO"@"SEL$35" ("OBJ$"."OBJ#"
"OBJ$"."OWNER#" "OBJ$"."TYPE#"))
LEADING(@"SEL$916FDCC7" "E"@"SEL$35" "CO"@"SEL$35")
USE_HASH(@"SEL$916FDCC7" "CO"@"SEL$35")
USE_HASH_AGGREGATION(@"SEL$916FDCC7")
FULL(@"SEL$31" "L"@"SEL$31")
INDEX_RS_ASC(@"SEL$31" "LO"@"SEL$31" ("SCHEDULER$_LWJOB_OBJ"."OBJ#"))
INDEX(@"SEL$31" "LCO"@"SEL$31" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX(@"SEL$31" "PO"@"SEL$31" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX(@"SEL$31" "LU"@"SEL$31" "I_USER#")
LEADING(@"SEL$31" "L"@"SEL$31" "LO"@"SEL$31" "LCO"@"SEL$31"
"PO"@"SEL$31" "LU"@"SEL$31")
USE_NL(@"SEL$31" "LO"@"SEL$31")
USE_NL(@"SEL$31" "LCO"@"SEL$31")
USE_NL(@"SEL$31" "PO"@"SEL$31")
USE_NL(@"SEL$31" "LU"@"SEL$31")
FULL(@"SEL$20EAEDCE" "DI"@"SEL$30")
FULL(@"SEL$20EAEDCE" "J"@"SEL$12")
INDEX_RS_ASC(@"SEL$20EAEDCE" "JO"@"SEL$12" ("OBJ$"."OBJ#"
"OBJ$"."OWNER#" "OBJ$"."TYPE#"))
INDEX(@"SEL$20EAEDCE" "CO"@"SEL$12" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
FULL(@"SEL$20EAEDCE" "JU"@"SEL$12")
FULL(@"SEL$20EAEDCE" "DI2"@"SEL$30")
LEADING(@"SEL$20EAEDCE" "DI"@"SEL$30" "J"@"SEL$12" "JO"@"SEL$12"
"CO"@"SEL$12" "JU"@"SEL$12" "DI2"@"SEL$30")
USE_NL(@"SEL$20EAEDCE" "J"@"SEL$12")
USE_NL(@"SEL$20EAEDCE" "JO"@"SEL$12")
USE_NL(@"SEL$20EAEDCE" "CO"@"SEL$12")
USE_HASH(@"SEL$20EAEDCE" "JU"@"SEL$12")
USE_MERGE_CARTESIAN(@"SEL$20EAEDCE" "DI2"@"SEL$30")
NO_ACCESS(@"SEL$13" "DJD"@"SEL$13")
INDEX_RS_ASC(@"SEL$20" "U1"@"SEL$20" ("USER$"."NAME"))
NO_ACCESS(@"SEL$20" "O1"@"SEL$20")
NO_ACCESS(@"SEL$20" "J1"@"SEL$20")
NO_ACCESS(@"SEL$20" "JD1"@"SEL$20")
LEADING(@"SEL$20" "U1"@"SEL$20" "O1"@"SEL$20" "J1"@"SEL$20"
"JD1"@"SEL$20")
USE_NL(@"SEL$20" "O1"@"SEL$20")
USE_HASH(@"SEL$20" "J1"@"SEL$20")
USE_HASH(@"SEL$20" "JD1"@"SEL$20")
NO_ACCESS(@"SEL$1FB6C052" "DD"@"SEL$14")
FULL(@"SEL$1FB6C052" "D"@"SEL$15")
LEADING(@"SEL$1FB6C052" "DD"@"SEL$14" "D"@"SEL$15")
USE_HASH(@"SEL$1FB6C052" "D"@"SEL$15")
INDEX_RS_ASC(@"SEL$5F3F0374" "U"@"SEL$18" ("USER$"."NAME"))
INDEX(@"SEL$5F3F0374" "O"@"SEL$18" ("OBJ$"."OWNER#" "OBJ$"."NAME"
"OBJ$"."NAMESPACE" "OBJ$"."REMOTEOWNER" "OBJ$"."LINKNAME"
"OBJ$"."SUBNAME" "OBJ$"."TYPE#" "OBJ$"."SPARE3" "OBJ$"."OBJ#"))
INDEX_RS_ASC(@"SEL$5F3F0374" "J1"@"SEL$18" ("SCHEDULER$_JOB"."OBJ#"))

```

```

INDEX(@"SEL$5F3F0374" "W"@SEL$17" ("SCHEDULER$_WINDOW_GROUP"."OBJ#"))
INDEX(@"SEL$5F3F0374" "WG"@SEL$17" ("SCHEDULER$_WINGRP_MEMBER"."OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID2"))
INDEX(@"SEL$5F3F0374" "D"@SEL$17" ("SCHEDULER$_DESTINATIONS"."OBJ#"))
INDEX(@"SEL$5F3F0374" "CMO"@SEL$17" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX(@"SEL$5F3F0374" "CMU"@SEL$17" ("USER$"."USER#" "USER$"."TYPE#"
"USER$"."SPARE1" "USER$"."SPARE2"))
INDEX(@"SEL$5F3F0374" "WMO"@SEL$17" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX(@"SEL$5F3F0374" "WMU"@SEL$17" ("USER$"."USER#" "USER$"."TYPE#"
"USER$"."SPARE1" "USER$"."SPARE2"))
LEADING(@"SEL$5F3F0374" "U"@SEL$18" "O"@SEL$18" "J1"@SEL$18"
"W"@SEL$17" "WG"@SEL$17" "D"@SEL$17" "CMO"@SEL$17" "CMU"@SEL$17"
"WMO"@SEL$17" "WMU"@SEL$17")
USE_NL(@"SEL$5F3F0374" "O"@SEL$18")
USE_NL(@"SEL$5F3F0374" "J1"@SEL$18")
USE_NL(@"SEL$5F3F0374" "W"@SEL$17")
USE_NL(@"SEL$5F3F0374" "WG"@SEL$17")
USE_NL(@"SEL$5F3F0374" "D"@SEL$17")
USE_NL(@"SEL$5F3F0374" "CMO"@SEL$17")
USE_NL(@"SEL$5F3F0374" "CMU"@SEL$17")
USE_NL(@"SEL$5F3F0374" "WMO"@SEL$17")
USE_NL(@"SEL$5F3F0374" "WMU"@SEL$17")
INDEX(@"SEL$19" "WM"@SEL$19" ("SCHEDULER$_WINGRP_MEMBER"."OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID2"))
FULL(@"SEL$A065B7E5" "D"@SEL$28")
INDEX(@"SEL$A065B7E5" "O"@SEL$28" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
LEADING(@"SEL$A065B7E5" "D"@SEL$28" "O"@SEL$28")
USE_NL(@"SEL$A065B7E5" "O"@SEL$28")
NLJ_BATCHING(@"SEL$A065B7E5" "O"@SEL$28")
FULL(@"SEL$1C34B9A1" "D"@SEL$26")
INDEX(@"SEL$1C34B9A1" "AO"@SEL$26" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX_RS_ASC(@"SEL$1C34B9A1" "O"@SEL$26" ("OBJ$"."OBJ#"
"OBJ$"."OWNER#" "OBJ$"."TYPE#"))
INDEX(@"SEL$1C34B9A1" "U"@SEL$26" "I_USER#")
LEADING(@"SEL$1C34B9A1" "D"@SEL$26" "AO"@SEL$26" "O"@SEL$26"
"U"@SEL$26")
USE_NL(@"SEL$1C34B9A1" "AO"@SEL$26")
USE_NL(@"SEL$1C34B9A1" "O"@SEL$26")
USE_NL(@"SEL$1C34B9A1" "U"@SEL$26")
INDEX_SS(@"SEL$24" "LO1"@SEL$24" ("SCHEDULER$_LWJOB_OBJ"."USERID"
"SCHEDULER$_LWJOB_OBJ"."NAME" "SCHEDULER$_LWJOB_OBJ"."SUBNAME"))
INDEX_FFS(@"SEL$23" "RO1"@SEL$23" ("OBJ$"."OWNER#" "OBJ$"."NAME"
"OBJ$"."NAMESPACE" "OBJ$"."REMOTEOWNER" "OBJ$"."LINKNAME"
"OBJ$"."SUBNAME" "OBJ$"."TYPE#" "OBJ$"."SPARE3" "OBJ$"."OBJ#"))
FULL(@"SEL$22" "LJ1"@SEL$22")
FULL(@"SEL$21" "RJ1"@SEL$21")
END_OUTLINE_DATA

```

\*/

Final plan (not returned to caller):

kestsDumpXpl(): dump explain plan(s): first type=sql profile

Explain Plan List:

Dumping plan with type=sql profile

=====

Plan Table

=====

```
-----+-----+
| Id | Operation | Name |
| Rows | Bytes | Cost | Time |
-----+-----+
| 0 | SELECT STATEMENT | | |
| 11 | 4554 | 97 | 00:00:02 |
| 1 | HASH JOIN OUTER |
| 11 | 4554 | 97 | 00:00:02 |
| 2 | NESTED LOOPS |
| 11 | 2860 | 36 | 00:00:01 |
| 3 | FILTER |
| 4 | HASH JOIN OUTER |
| 1 | 236 | 35 | 00:00:01 |
| 5 | NESTED LOOPS OUTER |
| 11 | 2211 | 32 | 00:00:01 |
| 6 | FILTER |
| 7 | NESTED LOOPS OUTER |
| 1 | 124 | 24 | 00:00:01 |
| 8 | HASH JOIN |
| 9 | 900 | 15 | 00:00:01 |
| 9 | TABLE ACCESS FULL | WRI$_ADV_PARAMETERS |
| 10 | TABLE ACCESS FULL | WRI$_ADV_TASKS |
| 11 | TABLE ACCESS BY INDEX ROWID | WRI$_ADV_PARAMETERS |
| 1 | 24 | 1 | 00:00:01 |
| 12 | INDEX UNIQUE SCAN | WRI$_ADV_PARAMETERS_PK |
| 1 | 0 | 0 | 00:00:01 |
| 13 | VIEW | DBA_SCHEDULER_JOBS |
| 1 | 77 | 8 | 00:00:01 |
| 14 | UNION ALL PUSHED PREDICATE |
| 15 | NESTED LOOPS OUTER |
| 1 | 118 | 5 | 00:00:01 |
| 16 | NESTED LOOPS |
| 1 | 113 | 4 | 00:00:01 |
| 17 | NESTED LOOPS |
| 1 | 63 | 3 | 00:00:01 |
| 18 | MERGE JOIN CARTESIAN |
| 1 | 30 | 1 | 00:00:01 |
```

19			NESTED LOOPS				
1	17	1	00:00:01				
20			TABLE ACCESS BY INDEX ROWID				
USERS\$		1	17	1	00:00:01		
21			INDEX UNIQUE SCAN		I_USER1		
1		0	00:00:01				
22			FIXED TABLE FULL		X\$KCCDI2		
1		0	00:00:01				
23			BUFFER SORT				
1	13	1	00:00:01				
24			FIXED TABLE FULL		X\$KCCDI		
1	13	0	00:00:01				
25			INDEX RANGE SCAN		I_OBJ2		
1	33	2	00:00:01				
26			TABLE ACCESS BY INDEX ROWID		SCHEDULER\$_JOB		
1	50	1	00:00:01				
27			INDEX UNIQUE SCAN		SCHEDULER\$_JOB_PK		
1		0	00:00:01				
28			INDEX RANGE SCAN		I_OBJ1		
1	5	1	00:00:01				
29			NESTED LOOPS				
1	182	3	00:00:01				
30			NESTED LOOPS OUTER				
1	173	2	00:00:01				
31			NESTED LOOPS				
1	168	1	00:00:01				
32			NESTED LOOPS				
1	60	1	00:00:01				
33			TABLE ACCESS BY INDEX ROWID				
USERS\$		1	17	1	00:00:01		
34			INDEX UNIQUE SCAN		I_USER1		
1		0	00:00:01				
35			TABLE ACCESS BY INDEX ROWID		SCHEDULER\$_LWJOB_OBJ		
1	43	0	00:00:01				
36			INDEX RANGE SCAN		SCHEDULER\$_LOBJ_UK		
1		0	00:00:01				
37			TABLE ACCESS BY INDEX ROWID				
SCHEDULER\$_LIGHTWEIGHT_JOB		1	108	0	00:00:01		
38			INDEX UNIQUE SCAN		SCHEDULER\$_LWJOB_PK		
1		0	00:00:01				
39			INDEX RANGE SCAN		I_OBJ1		
1	5	1	00:00:01				
40			INDEX RANGE SCAN		I_OBJ1		
1	9	1	00:00:01				
41			TABLE ACCESS FULL		WRI\$_ADV_EXECUTIONS		
26	910	3	00:00:01				
42			TABLE ACCESS BY INDEX ROWID		WRI\$_ADV_PARAMETERS		
9	216	1	00:00:01				
43			INDEX UNIQUE SCAN		WRI\$_ADV_PARAMETERS_PK		
1		0	00:00:01				
44			VIEW				
7	1078	61	00:00:01				
45			NESTED LOOPS OUTER				
7	553	61	00:00:01				

46	HASH JOIN				
7	518	54	00:00:01		
47	VIEW				VW_NSO_1
41	533	48	00:00:01		
48	HASH UNIQUE				
41	2296	48	00:00:01		
49	WINDOW SORT				
41	2296	48	00:00:01		
50	NESTED LOOPS OUTER				
41	2296	46	00:00:01		
51	TABLE ACCESS FULL				SCHEDULER\$_EVENT_LOG
41	2091	5	00:00:01		
52	INDEX RANGE SCAN				I_OBJ1
1	5	1	00:00:01		
53	TABLE ACCESS FULL				SCHEDULER\$_EVENT_LOG
41	2501	5	00:00:01		
54	INDEX RANGE SCAN				I_OBJ1
1	5	1	00:00:01		

-----+-----+  
 Explain Plan (sql profile): hash=1033803839 hash2=2819594961  
 cost=97.072088

Plan Status:  
 status=(pst=SUCCESS)  
 \*\*\*\*\*

Execution Statistics  
 Exec count: 1  
 CR gets: 199  
 CU gets: 0  
 Disk Reads: 0  
 Disk Writes: 0  
 IO Read Requests: 77  
 IO Write Requests: 0  
 Bytes Read: 1261568  
 Bytes Written: 0  
 Bytes Exchanged with Storage: 1261568  
 Bytes Exchanged with Disk: 1261568  
 Bytes Simulated Read: 0  
 Bytes Simulated Returned: 0  
 Elapsed Time: 159 (ms)  
 CPU Time: 19 (ms)  
 User I/O Time: 0 (us)

Multiple Exec Cnt: 9  
 Multiple Exec Flags 0

-----  
 Outline plan information  
 -----

Outline data:  
 ----- Dump of outline -----  
 /\*+  
 BEGIN\_OUTLINE\_DATA  
 IGNORE\_OPTIM\_EMBEDDED\_HINTS

```
OPTIMIZER_FEATURES_ENABLE('11.2.0.2')
DB_VERSION('11.2.0.2')
OPT_PARAM('result_cache_mode' 'FORCE')
ALL_ROWS
OUTLINE_LEAF(@"SEL$19")
OUTLINE_LEAF(@"SEL$5F3F0374")
ELIMINATE_JOIN(@"SEL$813C1359" "AD"@"SEL$17")
OUTLINE_LEAF(@"SEL$1FB6C052")
MERGE(@"SEL$15")
OUTLINE_LEAF(@"SEL$21")
OUTLINE_LEAF(@"SEL$22")
OUTLINE_LEAF(@"SET$3")
OUTLINE_LEAF(@"SEL$23")
OUTLINE_LEAF(@"SEL$24")
OUTLINE_LEAF(@"SET$4")
OUTLINE_LEAF(@"SEL$1C34B9A1")
ELIMINATE_JOIN(@"SEL$95423B40" "AD"@"SEL$26")
OUTLINE_LEAF(@"SEL$A065B7E5")
MERGE(@"SEL$28")
OUTLINE_LEAF(@"SET$5")
OUTLINE_LEAF(@"SEL$20")
OUTLINE_LEAF(@"SET$2")
OUTLINE_LEAF(@"SEL$13")
OUTLINE_LEAF(@"SEL$583C4D64")
OUTLINE_LEAF(@"SEL$CBADD118")
OUTLINE_LEAF(@"SET$5715CE2E")
PUSH_PRED(@"SEL$E6BC9F71" "J"@"SEL$2" 6 5)
OUTLINE_LEAF(@"SEL$916FDCC7")
OUTLINE_LEAF(@"SEL$3CE29736")
UNNEST(@"SEL$5F9076AD")
OUTLINE_LEAF(@"SEL$E6BC9F71")
MERGE(@"SEL$7A2E2F34")
OUTLINE(@"SEL$813C1359")
MERGE(@"SEL$17")
MERGE(@"SEL$18")
OUTLINE(@"SEL$14")
OUTLINE(@"SEL$15")
OUTLINE(@"SEL$95423B40")
MERGE(@"SEL$26")
OUTLINE(@"SEL$27")
OUTLINE(@"SEL$28")
OUTLINE(@"SEL$20EAEDCE")
MERGE(@"SEL$F7A62D4D")
OUTLINE(@"SEL$31")
OUTLINE(@"SET$1")
OUTLINE(@"SEL$E6BC9F71")
MERGE(@"SEL$7A2E2F34")
OUTLINE(@"SEL$5F9076AD")
MERGE(@"SEL$35")
OUTLINE(@"SEL$9CF1E98E")
MERGE(@"SEL$33")
OUTLINE(@"SEL$1")
OUTLINE(@"SEL$7A2E2F34")
MERGE(@"SEL$A76401BB")
```



```

OUTLINE (@"SEL$16")
OUTLINE (@"SEL$17")
OUTLINE (@"SEL$18")
OUTLINE (@"SEL$25")
OUTLINE (@"SEL$26")
OUTLINE (@"SEL$12")
OUTLINE (@"SEL$F7A62D4D")
MERGE (@"SEL$30")
OUTLINE (@"SEL$34")
OUTLINE (@"SEL$35")
OUTLINE (@"SEL$32")
OUTLINE (@"SEL$33")
OUTLINE (@"SEL$2")
OUTLINE (@"SEL$A76401BB")
MERGE (@"SEL$285A8194")
MERGE (@"SEL$68B588A0")
MERGE (@"SEL$7286615E")
MERGE (@"SEL$CF5359D5")
OUTLINE (@"SEL$29")
OUTLINE (@"SEL$30")
OUTLINE (@"SEL$3")
OUTLINE (@"SEL$285A8194")
MERGE (@"SEL$11")
OUTLINE (@"SEL$68B588A0")
MERGE (@"SEL$7")
OUTLINE (@"SEL$7286615E")
MERGE (@"SEL$5")
OUTLINE (@"SEL$CF5359D5")
MERGE (@"SEL$9")
OUTLINE (@"SEL$10")
OUTLINE (@"SEL$11")
OUTLINE (@"SEL$6")
OUTLINE (@"SEL$7")
OUTLINE (@"SEL$4")
OUTLINE (@"SEL$5")
OUTLINE (@"SEL$8")
OUTLINE (@"SEL$9")
FULL (@"SEL$E6BC9F71" "A"@"SEL$9")
FULL (@"SEL$E6BC9F71" "A"@"SEL$5")
INDEX_RS_ASC (@"SEL$E6BC9F71" "A"@"SEL$11"
("WRI$ _ADV _PARAMETERS"."TASK_ID" "WRI$ _ADV _PARAMETERS"."NAME"))
NO_ACCESS (@"SEL$E6BC9F71" "J"@"SEL$2")
FULL (@"SEL$E6BC9F71" "E"@"SEL$5")
INDEX_RS_ASC (@"SEL$E6BC9F71" "A"@"SEL$7"
("WRI$ _ADV _PARAMETERS"."TASK_ID" "WRI$ _ADV _PARAMETERS"."NAME"))
NO_ACCESS (@"SEL$E6BC9F71" "JL"@"SEL$1")
LEADING (@"SEL$E6BC9F71" "A"@"SEL$9" "A"@"SEL$5" "A"@"SEL$11"
"J"@"SEL$2" "E"@"SEL$5" "A"@"SEL$7" "JL"@"SEL$1")
USE_HASH (@"SEL$E6BC9F71" "A"@"SEL$5")
USE_NL (@"SEL$E6BC9F71" "A"@"SEL$11")
USE_NL (@"SEL$E6BC9F71" "J"@"SEL$2")
USE_HASH (@"SEL$E6BC9F71" "E"@"SEL$5")
USE_NL (@"SEL$E6BC9F71" "A"@"SEL$7")
USE_HASH (@"SEL$E6BC9F71" "JL"@"SEL$1")

```

```

NO_ACCESS(@"SEL$3CE29736" "VW_NSO_1"@"SEL$3CE29736")
FULL(@"SEL$3CE29736" "E"@"SEL$33")
INDEX(@"SEL$3CE29736" "CO"@"SEL$33" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
LEADING(@"SEL$3CE29736" "VW_NSO_1"@"SEL$3CE29736" "E"@"SEL$33"
"CO"@"SEL$33")
USE_HASH(@"SEL$3CE29736" "E"@"SEL$33")
USE_NL(@"SEL$3CE29736" "CO"@"SEL$33")
FULL(@"SEL$916FDCC7" "E"@"SEL$35")
INDEX(@"SEL$916FDCC7" "CO"@"SEL$35" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
LEADING(@"SEL$916FDCC7" "E"@"SEL$35" "CO"@"SEL$35")
USE_NL(@"SEL$916FDCC7" "CO"@"SEL$35")
USE_HASH_AGGREGATION(@"SEL$916FDCC7")
INDEX_RS_ASC(@"SEL$CBADD118" "LU"@"SEL$31" ("USER$"."NAME"))
INDEX_RS_ASC(@"SEL$CBADD118" "LO"@"SEL$31"
("SCHEDULER$_LWJOB_OBJ"."USERID" "SCHEDULER$_LWJOB_OBJ"."NAME"
"SCHEDULER$_LWJOB_OBJ"."SUBNAME"))
INDEX_RS_ASC(@"SEL$CBADD118" "L"@"SEL$31"
("SCHEDULER$_LIGHTWEIGHT_JOB"."OBJ#"))
INDEX(@"SEL$CBADD118" "LCO"@"SEL$31" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX(@"SEL$CBADD118" "PO"@"SEL$31" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
LEADING(@"SEL$CBADD118" "LU"@"SEL$31" "LO"@"SEL$31" "L"@"SEL$31"
"LCO"@"SEL$31" "PO"@"SEL$31")
USE_NL(@"SEL$CBADD118" "LO"@"SEL$31")
USE_NL(@"SEL$CBADD118" "L"@"SEL$31")
USE_NL(@"SEL$CBADD118" "LCO"@"SEL$31")
USE_NL(@"SEL$CBADD118" "PO"@"SEL$31")
INDEX_RS_ASC(@"SEL$583C4D64" "JU"@"SEL$12" ("USER$"."NAME"))
FULL(@"SEL$583C4D64" "DI2"@"SEL$30")
FULL(@"SEL$583C4D64" "DI"@"SEL$30")
INDEX(@"SEL$583C4D64" "JO"@"SEL$12" ("OBJ$"."OWNER#" "OBJ$"."NAME"
"OBJ$"."NAMESPACE" "OBJ$"."REMOTEOWNER" "OBJ$"."LINKNAME"
"OBJ$"."SUBNAME" "OBJ$"."TYPE#" "OBJ$"."SPARE3" "OBJ$"."OBJ#"))
INDEX_RS_ASC(@"SEL$583C4D64" "J"@"SEL$12" ("SCHEDULER$_JOB"."OBJ#"))
INDEX(@"SEL$583C4D64" "CO"@"SEL$12" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
LEADING(@"SEL$583C4D64" "JU"@"SEL$12" "DI2"@"SEL$30" "DI"@"SEL$30"
"JO"@"SEL$12" "J"@"SEL$12" "CO"@"SEL$12")
USE_NL(@"SEL$583C4D64" "DI2"@"SEL$30")
USE_MERGE_CARTESIAN(@"SEL$583C4D64" "DI"@"SEL$30")
USE_NL(@"SEL$583C4D64" "JO"@"SEL$12")
USE_NL(@"SEL$583C4D64" "J"@"SEL$12")
USE_NL(@"SEL$583C4D64" "CO"@"SEL$12")
NO_ACCESS(@"SEL$13" "DJD"@"SEL$13")
INDEX_RS_ASC(@"SEL$20" "U1"@"SEL$20" ("USER$"."NAME"))
NO_ACCESS(@"SEL$20" "O1"@"SEL$20")
NO_ACCESS(@"SEL$20" "J1"@"SEL$20")
NO_ACCESS(@"SEL$20" "JD1"@"SEL$20")
LEADING(@"SEL$20" "U1"@"SEL$20" "O1"@"SEL$20" "J1"@"SEL$20"
"JD1"@"SEL$20")
USE_NL(@"SEL$20" "O1"@"SEL$20")

```

```

USE_HASH(@"SEL$20" "J1"@"SEL$20")
USE_HASH(@"SEL$20" "JD1"@"SEL$20")
NO_ACCESS(@"SEL$1FB6C052" "DD"@"SEL$14")
FULL(@"SEL$1FB6C052" "D"@"SEL$15")
LEADING(@"SEL$1FB6C052" "DD"@"SEL$14" "D"@"SEL$15")
USE_HASH(@"SEL$1FB6C052" "D"@"SEL$15")
INDEX_RS_ASC(@"SEL$5F3F0374" "U"@"SEL$18" ("USER$"."NAME"))
INDEX(@"SEL$5F3F0374" "O"@"SEL$18" ("OBJ$"."OWNER#" "OBJ$"."NAME"
"OBJ$"."NAMESPACE" "OBJ$"."REMOTEOWNER" "OBJ$"."LINKNAME"
"OBJ$"."SUBNAME" "OBJ$"."TYPE#" "OBJ$"."SPARE3" "OBJ$"."OBJ#"))
INDEX_RS_ASC(@"SEL$5F3F0374" "J1"@"SEL$18" ("SCHEDULER$_JOB"."OBJ#"))
INDEX(@"SEL$5F3F0374" "W"@"SEL$17" ("SCHEDULER$_WINDOW_GROUP"."OBJ#"))
INDEX(@"SEL$5F3F0374" "WG"@"SEL$17" ("SCHEDULER$_WINGRP_MEMBER"."OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID2"))
INDEX(@"SEL$5F3F0374" "D"@"SEL$17" ("SCHEDULER$_DESTINATIONS"."OBJ#"))
INDEX(@"SEL$5F3F0374" "CMO"@"SEL$17" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX(@"SEL$5F3F0374" "CMU"@"SEL$17" ("USER$"."USER#" "USER$"."TYPE#"
"USER$"."SPARE1" "USER$"."SPARE2"))
INDEX(@"SEL$5F3F0374" "WMO"@"SEL$17" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX(@"SEL$5F3F0374" "WMU"@"SEL$17" ("USER$"."USER#" "USER$"."TYPE#"
"USER$"."SPARE1" "USER$"."SPARE2"))
LEADING(@"SEL$5F3F0374" "U"@"SEL$18" "O"@"SEL$18" "J1"@"SEL$18"
"W"@"SEL$17" "WG"@"SEL$17" "D"@"SEL$17" "CMO"@"SEL$17" "CMU"@"SEL$17"
"WMO"@"SEL$17" "WMU"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "O"@"SEL$18")
USE_NL(@"SEL$5F3F0374" "J1"@"SEL$18")
USE_NL(@"SEL$5F3F0374" "W"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "WG"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "D"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "CMO"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "CMU"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "WMO"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "WMU"@"SEL$17")
INDEX(@"SEL$19" "WM"@"SEL$19" ("SCHEDULER$_WINGRP_MEMBER"."OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID"
"SCHEDULER$_WINGRP_MEMBER"."MEMBER_OID2"))
FULL(@"SEL$A065B7E5" "D"@"SEL$28")
INDEX(@"SEL$A065B7E5" "O"@"SEL$28" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
LEADING(@"SEL$A065B7E5" "D"@"SEL$28" "O"@"SEL$28")
USE_NL(@"SEL$A065B7E5" "O"@"SEL$28")
NLJ_BATCHING(@"SEL$A065B7E5" "O"@"SEL$28")
FULL(@"SEL$1C34B9A1" "D"@"SEL$26")
INDEX(@"SEL$1C34B9A1" "AO"@"SEL$26" ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX_RS_ASC(@"SEL$1C34B9A1" "O"@"SEL$26" ("OBJ$"."OBJ#"
"OBJ$"."OWNER#" "OBJ$"."TYPE#"))
INDEX(@"SEL$1C34B9A1" "U"@"SEL$26" "I_USER#")
LEADING(@"SEL$1C34B9A1" "D"@"SEL$26" "AO"@"SEL$26" "O"@"SEL$26"
"U"@"SEL$26")
USE_NL(@"SEL$1C34B9A1" "AO"@"SEL$26")

```

```
USE_NL(@"SEL$1C34B9A1" "O"@SEL$26")
USE_NL(@"SEL$1C34B9A1" "U"@SEL$26")
INDEX_SS(@"SEL$24" "LO1"@SEL$24 ("SCHEDULER$_LWJOB_OBJ"."USERID"
"SCHEDULER$_LWJOB_OBJ"."NAME" "SCHEDULER$_LWJOB_OBJ"."SUBNAME"))
INDEX_FFS(@"SEL$23" "RO1"@SEL$23 ("OBJ$"."OWNER#" "OBJ$"."NAME"
"OBJ$"."NAMESPACE" "OBJ$"."REMOTEOWNER" "OBJ$"."LINKNAME"
"OBJ$"."SUBNAME" "OBJ$"."TYPE#" "OBJ$"."SPARE3" "OBJ$"."OBJ#"))
FULL(@"SEL$22" "LJ1"@SEL$22")
FULL(@"SEL$21" "RJ1"@SEL$21")
END_OUTLINE_DATA
```

\*/

```
status=(pst=SUCCESS)
keystsaAutoTuneDrv(): exit
keystsaAutoTunePqDrv(): enter
Prefiltered: plan cost 2941861 < cost limit 60000000.
No parallel execution recommendation: prefiltered.
keystsaAutoTunePqDrv(): exit
keystsaFixRegressionDrv(): enter
keystsaFindPlanFromSTS: Enter
keystsaFindPlanFromSTS: Exit
keystsaFindPlanFromAWR: Enter
```

\*\*\* 2013-01-09 23:54:01.908

```
keystsaFindPlanFromAWR: Exit
keystsaFindPlanFromCC: Enter
keystsaFindPlanFromCC: Exit
keystsaFindPlanFromSPA: Enter
keystsaFindPlanFromSPA: Enter
keystNewOldPlanFinding(): count=2
keystDumpFinding(): dump finding structure
find=(@=0x0000000021514078, typ=OLDPLAN, sz=240, plid=0,
nxt=0x00000000232102D8)
keystDumpMsg(): dump message
msg=(@=0x0000000021514080, fac=SMG, cod=1086)
keystDumpMsg(): dump message
msg=(@=0x00000000215140E0, fac=SMG, cod=1087)
keystNewOldPlanFinding(): exit
keystsaFixRegressionDrv(): exit
keystsiIndexAnalyzeDrv() begin
keystDumpRsrcSet(): Dumping Resource Set Type=index tune
*****
```

```
keystRsrcSet
Exec count:          10
CR gets:             20
CU gets:             0
Disk Reads:         0
Disk Writes:        0
IO Read Requests:   0
IO Write Requests:  0
Bytes Read:         0
Bytes Written:      0
Bytes Exchanged with Storage: 0
Bytes Exchanged with Disk: 0
```

```
Bytes Simulated Read: 0
Bytes Simulated Returned: 0
Elapsed Time: 324 (ms)
CPU Time: 234 (ms)
User I/O Time: 0 (us)
keystsiNewIndexFinding() begin
idx rec returned=(@0x00000000273609C8, ckyp=0x0000000027360A48,
ckyname=SCHEDULER$_LOBJ_PK, ckyobj=5934, ckyflg=0x841, prfx=, prfxOwn=,
unusable=0, hasPrfx=0)
idx rec returned=(@0x00000000273612A0, ckyp=0x0000000027361320,
ckyname=SCHEDULER$_LOBJ_UK, ckyobj=5935, ckyflg=0x841, prfx=, prfxOwn=,
unusable=0, hasPrfx=0)
idx rec returned=(@0x0000000027250530, ckyp=0x00000000272505B0,
ckyname=I_USER2, ckyobj=47, ckyflg=0xa41, prfx=, prfxOwn=, unusable=0,
hasPrfx=0)
idx rec returned=(@0x0000000027250988, ckyp=0x0000000027250A08,
ckyname=SCHEDULER$_DEST_PK, ckyobj=6018, ckyflg=0x841, prfx=, prfxOwn=,
unusable=0, hasPrfx=0)
idx rec returned=(@0x0000000027250DE0, ckyp=0x0000000027250E60,
ckyname=SCHEDULER$_WINDOW_GROUP_PK, ckyobj=5968, ckyflg=0x841, prfx=,
prfxOwn=, unusable=0, hasPrfx=0)
idx rec returned=(@0x0000000027251238, ckyp=0x00000000272512B8,
ckyname=I_USER1, ckyobj=46, ckyflg=0xa41, prfx=, prfxOwn=, unusable=0,
hasPrfx=0)
idx rec returned=(@0x00000000231DC598, ckyp=0x0000000021512890,
ckyname=SCHEDULER$_WINGRP_MEMBER_UQ, ckyobj=5970, ckyflg=0x841, prfx=,
prfxOwn=, unusable=0, hasPrfx=0)
idx rec returned=(@0x00000000231DC5F8, ckyp=0x00000000215117E8,
ckyname=SCHEDULER$_LWJOB_PK, ckyobj=5937, ckyflg=0x841, prfx=, prfxOwn=,
unusable=0, hasPrfx=0)
idx rec returned=(@0x00000000231DC638, ckyp=0x0000000021510740,
ckyname=SCHEDULER$_JOB_PK, ckyobj=5924, ckyflg=0x841, prfx=, prfxOwn=,
unusable=0, hasPrfx=0)
idx rec returned=(@0x00000000231DC678, ckyp=0x00000000231DCEF8,
ckyname=I_OBJ2, ckyobj=37, ckyflg=0xa41, prfx=, prfxOwn=, unusable=0,
hasPrfx=0)
idx rec returned=(@0x00000000231DC6F8, ckyp=0x00000000231DC778,
ckyname=I_OBJ1, ckyobj=36, ckyflg=0xa41, prfx=, prfxOwn=, unusable=0,
hasPrfx=0)
keystsiIndexAnalyzeDrv(): exit
keystspPlanAnalyzeDrv(): begin plan node analysis
keystspSaveAdjustedPlanCbk(enter)
keystspSaveAdjustedPlanCbk(exit)
keystDumpRsrcSet(): Dumping Resource Set Type=plan node analysis
*****
keystRsrcSet
Exec count:      23
CR gets:         82
CU gets:         0
Disk Reads:      0
Disk Writes:     0
IO Read Requests: 0
IO Write Requests: 0
Bytes Read:      0
```

```

Bytes Written:      0
Bytes Exchanged with Storage:  0
Bytes Exchanged with Disk:  0
Bytes Simulated Read:  0
Bytes Simulated Returned:  0
Elapsed Time: 314 (ms)
CPU Time: 265 (ms)
User I/O Time: 0 (us)
kestsDumpFinding(): dump finding structure
Finding List:
  STALE STAT Finding(s)
    find typ=STALE STAT
    TABLE: SYS.WRI$_ADV_EXECUTIONS
    find typ=STALE STAT
    TABLE: SYS.WRI$_ADV_TASKS
    find typ=STALE STAT
    TABLE: SYS.WRI$_ADV_PARAMETERS
  OLDPLAN Finding(s)
    find typ=OLDPLAN
    find_msg=1086 rational_msg=1087
kestsPlanAnalyzeDrv(): exit
kestsDumpRsrcSet(): Dumping Resource Set Type=sql
*****
kestsRsrcSet
  Exec count:      2761
  CR gets:        192687
  CU gets:        0
  Disk Reads:     177
  Disk Writes:    0
  IO Read Requests: 1218
  IO Write Requests: 0
  Bytes Read:     18571264
  Bytes Written:  0
  Bytes Exchanged with Storage: 18571264
  Bytes Exchanged with Disk: 18571264
  Bytes Simulated Read: 0
  Bytes Simulated Returned: 0
  Elapsed Time: 29 (s)
  CPU Time: 22 (s)
  User I/O Time: 1447 (ms)

*** 2013-01-09 23:54:03.400
kestsDumpFinding(): dump finding structure
Finding List:
  STALE STAT Finding(s)
    find=(@=0x00000000232102D8, typ=STALE STAT, sz=248, plid=0,
nxt=0x00000000232101C8)
    kestsDumpMsg(): dump message
    msg=(@=0x00000000232102E0, fac=SMG, cod=1024, p1=SYS,
p2=WRI$_ADV_EXECUTIONS)
    kestsDumpMsg(): dump message
    msg=(@=0x0000000023210340, fac=SMG, cod=1026)
    stat(@=0x00000000232102D8, SYS.WRI$_ADV_EXECUTIONS ind=0 stale=1
cas=0)

```

```

    find=(@=0x00000000232101C8, typ=STALE STAT, sz=248, plid=0,
nxt=0x00000000232100B0)
    kestsDumpMsg(): dump message
    msg=(@=0x00000000232101D0, fac=SMG, cod=1024, p1=SYS,
p2=WRI$_ADV_TASKS)
    kestsDumpMsg(): dump message
    msg=(@=0x0000000023210230, fac=SMG, cod=1026)
    stat(@=0x00000000232101C8, SYS.WRI$_ADV_TASKS ind=0 stale=1 cas=0)
    find=(@=0x00000000232100B0, typ=STALE STAT, sz=248, plid=0,
nxt=0x0000000000000000)
    kestsDumpMsg(): dump message
    msg=(@=0x00000000232100B8, fac=SMG, cod=1024, p1=SYS,
p2=WRI$_ADV_PARAMETERS)
    kestsDumpMsg(): dump message
    msg=(@=0x0000000023210118, fac=SMG, cod=1026)
    stat(@=0x00000000232100B0, SYS.WRI$_ADV_PARAMETERS ind=0 stale=1
cas=0)
    OLDPLAN Finding(s)
    find=(@=0x0000000021514078, typ=OLDPLAN, sz=240, plid=0,
nxt=0x00000000232102D8)
    kestsDumpMsg(): dump message
    msg=(@=0x0000000021514080, fac=SMG, cod=1086)
    kestsDumpMsg(): dump message
    msg=(@=0x00000000215140E0, fac=SMG, cod=1087)
kestsDumpXpl(): dump explain plan(s): first type=original
Explain Plan List:
Dumping plan with type=original

```

```

=====
Plan Table
=====

```

```

-----+-----
| Id  | Operation                               | Name
| Rows | Bytes | Cost | Time     |
-----+-----
| 0   | SELECT STATEMENT                       | | |
| 11  | 5786 | 245 | 00:00:03 |
| 1   | HASH JOIN OUTER                        |
| 11  | 5786 | 245 | 00:00:03 |
| 2   | HASH JOIN OUTER                        |
| 11  | 4092 | 129 | 00:00:02 |
| 3   | FILTER                                  |
|    |    |    |    |
| 4   | HASH JOIN RIGHT OUTER                  |
| 11  | 3245 | 41 | 00:00:01 |
| 5   | TABLE ACCESS FULL                     | WRI$_ADV_PARAMETERS
| 26  | 650 | 11 | 00:00:01 |
| 6   | HASH JOIN                               |
| 37  | 9990 | 30 | 00:00:01 |
| 7   | TABLE ACCESS FULL                     | WRI$_ADV_PARAMETERS
| 37  | 925 | 11 | 00:00:01 |

```

8		HASH JOIN							
37	9065	18	00:00:01						
9		VIEW						DBA_ADVISOR_TASKS	
37	8140	7	00:00:01						
10		FILTER							
11		HASH JOIN OUTER							
37	6105	7	00:00:01						
12		TABLE ACCESS FULL						WRI\$_ADV_TASKS	
37	4699	3	00:00:01						
13		TABLE ACCESS FULL						WRI\$_ADV_EXECUTIONS	
71	2698	3	00:00:01						
14		TABLE ACCESS FULL						WRI\$_ADV_PARAMETERS	
37	925	11	00:00:01						
15		VIEW						DBA_SCHEDULER_JOBS	
26	2002	88	00:00:02						
16		UNION-ALL							
17		MERGE JOIN CARTESIAN							
25	2950	83	00:00:01						
18		HASH JOIN							
25	2950	83	00:00:01						
19		NESTED LOOPS OUTER							
25	2525	79	00:00:01						
20		NESTED LOOPS							
25	2400	54	00:00:01						
21		NESTED LOOPS							
25	1575	4	00:00:01						
22		FIXED TABLE FULL						X\$KCCDI	
1	13	0	00:00:01						
23		TABLE ACCESS FULL						SCHEDULER\$_JOB	
25	1250	4	00:00:01						
24		TABLE ACCESS BY INDEX ROWID							
OBJ\$_			1	33	2	00:00:01			
25		INDEX RANGE SCAN						I_OBJ1	
1		1	00:00:01						
26		INDEX RANGE SCAN						I_OBJ1	
1	5	1	00:00:01						
27		TABLE ACCESS FULL							
USER\$_			97	1649	3	00:00:01			
28		BUFFER SORT							
1		80	00:00:01						
29		FIXED TABLE FULL						X\$KCCDI2	
1		0	00:00:01						
30		NESTED LOOPS							
1	182	5	00:00:01						
31		NESTED LOOPS							
1	165	4	00:00:01						
32		NESTED LOOPS OUTER							
1	156	3	00:00:01						
33		NESTED LOOPS							
1	151	2	00:00:01						
34		TABLE ACCESS FULL							
SCHEDULER\$_LIGHTWEIGHT_JOB			1	108	2	00:00:01			



35		TABLE ACCESS BY INDEX ROWID	SCHEDULER\$_LWJOB_OBJ
1	43	0	00:00:01
36		INDEX UNIQUE SCAN	SCHEDULER\$_LOBJ_PK
1		0	00:00:01
37		INDEX RANGE SCAN	I_OBJ1
1	5	1	00:00:01
38		INDEX RANGE SCAN	I_OBJ1
1	9	1	00:00:01
39		TABLE ACCESS CLUSTER	
USER\$_		1	17
1		1	00:00:01
40		INDEX UNIQUE SCAN	I_USER#
1		0	00:00:01
41		VIEW	
37	5698	115	00:00:02
42		NESTED LOOPS OUTER	
37	2923	115	00:00:02
43		HASH JOIN	
37	2738	78	00:00:01
44		VIEW	VW_NSO_1
93	1209	73	00:00:01
45		HASH UNIQUE	
93	5208	73	00:00:01
46		WINDOW SORT	
93	5208	73	00:00:01
47		HASH JOIN OUTER	
93	5208	71	00:00:01
48		TABLE ACCESS FULL	SCHEDULER\$_EVENT_LOG
93	4743	5	00:00:01
49		INDEX FAST FULL SCAN	I_OBJ1
73K	367K	65	00:00:01
50		TABLE ACCESS FULL	SCHEDULER\$_EVENT_LOG
93	5673	5	00:00:01
51		INDEX RANGE SCAN	I_OBJ1
1	5	1	00:00:01

```

-----+
      Explain Plan (original): hash=1499986165 hash2=3977685166
cost=245.155131
Plan Status:
  status=(pst=SUCCESS)
*****

```

```

Execution Statistics
  Exec count:          1
  CR gets:             471
  CU gets:             0
  Disk Reads:         0
  Disk Writes:        0
  IO Read Requests:   7
  IO Write Requests:  0
  Bytes Read:         114688
  Bytes Written:      0
  Bytes Exchanged with Storage: 114688
  Bytes Exchanged with Disk: 114688
  Bytes Simulated Read: 0

```

Bytes Simulated Returned: 0  
Elapsed Time: 55 (ms)  
CPU Time: 14 (ms)  
User I/O Time: 0 (us)

Multiple Exec Cnt: 10  
Multiple Exec Flags 0

-----  
Outline plan information  
-----

Outline data:

----- Dump of outline -----

/\*+

```
BEGIN_OUTLINE_DATA
  IGNORE_OPTIM_EMBEDDED_HINTS
  OPTIMIZER_FEATURES_ENABLE('11.2.0.2')
  DB_VERSION('11.2.0.2')
  OPT_PARAM('result_cache_mode' 'FORCE')
  ALL_ROWS
  OUTLINE_LEAF(@"SEL$5")
  OUTLINE_LEAF(@"SEL$19")
  OUTLINE_LEAF(@"SEL$5F3F0374")
  ELIMINATE_JOIN(@"SEL$813C1359" "AD"@"SEL$17")
  OUTLINE_LEAF(@"SEL$1FB6C052")
  MERGE(@"SEL$15")
  OUTLINE_LEAF(@"SEL$21")
  OUTLINE_LEAF(@"SEL$22")
  OUTLINE_LEAF(@"SET$3")
  OUTLINE_LEAF(@"SEL$23")
  OUTLINE_LEAF(@"SEL$24")
  OUTLINE_LEAF(@"SET$4")
  OUTLINE_LEAF(@"SEL$1C34B9A1")
  ELIMINATE_JOIN(@"SEL$95423B40" "AD"@"SEL$26")
  OUTLINE_LEAF(@"SEL$A065B7E5")
  MERGE(@"SEL$28")
  OUTLINE_LEAF(@"SET$5")
  OUTLINE_LEAF(@"SEL$20")
  OUTLINE_LEAF(@"SET$2")
  OUTLINE_LEAF(@"SEL$13")
  OUTLINE_LEAF(@"SEL$20EAEDCE")
  MERGE(@"SEL$F7A62D4D")
  OUTLINE_LEAF(@"SEL$31")
  OUTLINE_LEAF(@"SET$1")
  OUTLINE_LEAF(@"SEL$916FDCC7")
  OUTLINE_LEAF(@"SEL$3CE29736")
  UNNEST(@"SEL$5F9076AD")
  OUTLINE_LEAF(@"SEL$E2A84955")
  MERGE(@"SEL$A815D38B")
  OUTLINE(@"SEL$813C1359")
  MERGE(@"SEL$17")
  MERGE(@"SEL$18")
  OUTLINE(@"SEL$14")
  OUTLINE(@"SEL$15")
```

OUTLINE (@"SEL\$95423B40")  
MERGE (@"SEL\$26")  
OUTLINE (@"SEL\$27")  
OUTLINE (@"SEL\$28")  
OUTLINE (@"SEL\$12")  
OUTLINE (@"SEL\$F7A62D4D")  
MERGE (@"SEL\$30")  
OUTLINE (@"SEL\$5F9076AD")  
MERGE (@"SEL\$35")  
OUTLINE (@"SEL\$9CF1E98E")  
MERGE (@"SEL\$33")  
OUTLINE (@"SEL\$1")  
OUTLINE (@"SEL\$A815D38B")  
MERGE (@"SEL\$16B88241")  
OUTLINE (@"SEL\$16")  
OUTLINE (@"SEL\$17")  
OUTLINE (@"SEL\$18")  
OUTLINE (@"SEL\$25")  
OUTLINE (@"SEL\$26")  
OUTLINE (@"SEL\$29")  
OUTLINE (@"SEL\$30")  
OUTLINE (@"SEL\$34")  
OUTLINE (@"SEL\$35")  
OUTLINE (@"SEL\$32")  
OUTLINE (@"SEL\$33")  
OUTLINE (@"SEL\$2")  
OUTLINE (@"SEL\$16B88241")  
MERGE (@"SEL\$285A8194")  
MERGE (@"SEL\$4")  
MERGE (@"SEL\$68B588A0")  
MERGE (@"SEL\$CF5359D5")  
OUTLINE (@"SEL\$3")  
OUTLINE (@"SEL\$285A8194")  
MERGE (@"SEL\$11")  
OUTLINE (@"SEL\$4")  
OUTLINE (@"SEL\$68B588A0")  
MERGE (@"SEL\$7")  
OUTLINE (@"SEL\$CF5359D5")  
MERGE (@"SEL\$9")  
OUTLINE (@"SEL\$10")  
OUTLINE (@"SEL\$11")  
OUTLINE (@"SEL\$6")  
OUTLINE (@"SEL\$7")  
OUTLINE (@"SEL\$8")  
OUTLINE (@"SEL\$9")  
NO\_ACCESS (@"SEL\$E2A84955" "T"@"SEL\$4")  
FULL (@"SEL\$E2A84955" "A"@"SEL\$7")  
FULL (@"SEL\$E2A84955" "A"@"SEL\$9")  
FULL (@"SEL\$E2A84955" "A"@"SEL\$11")  
NO\_ACCESS (@"SEL\$E2A84955" "J"@"SEL\$2")  
NO\_ACCESS (@"SEL\$E2A84955" "JL"@"SEL\$1")  
LEADING (@"SEL\$E2A84955" "T"@"SEL\$4" "A"@"SEL\$7" "A"@"SEL\$9"  
"A"@"SEL\$11" "J"@"SEL\$2" "JL"@"SEL\$1")  
USE\_HASH (@"SEL\$E2A84955" "A"@"SEL\$7")

```

USE_HASH(@"SEL$E2A84955" "A"@SEL$9")
USE_HASH(@"SEL$E2A84955" "A"@SEL$11")
USE_HASH(@"SEL$E2A84955" "J"@SEL$2")
USE_HASH(@"SEL$E2A84955" "JL"@SEL$1")
SWAP_JOIN_INPUTS(@"SEL$E2A84955" "A"@SEL$9")
SWAP_JOIN_INPUTS(@"SEL$E2A84955" "A"@SEL$11")
FULL(@"SEL$5" "A"@SEL$5")
FULL(@"SEL$5" "E"@SEL$5")
LEADING(@"SEL$5" "A"@SEL$5 "E"@SEL$5")
USE_HASH(@"SEL$5" "E"@SEL$5")
NO_ACCESS(@"SEL$3CE29736" "VW_NSO_1"@SEL$3CE29736")
FULL(@"SEL$3CE29736" "E"@SEL$33")
INDEX(@"SEL$3CE29736" "CO"@SEL$33 ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
LEADING(@"SEL$3CE29736" "VW_NSO_1"@SEL$3CE29736 "E"@SEL$33
"CO"@SEL$33")
USE_HASH(@"SEL$3CE29736" "E"@SEL$33")
USE_NL(@"SEL$3CE29736" "CO"@SEL$33")
FULL(@"SEL$916FDCC7" "E"@SEL$35")
INDEX_FFS(@"SEL$916FDCC7" "CO"@SEL$35 ("OBJ$"."OBJ#"
"OBJ$"."OWNER#" "OBJ$"."TYPE#"))
LEADING(@"SEL$916FDCC7" "E"@SEL$35 "CO"@SEL$35")
USE_HASH(@"SEL$916FDCC7" "CO"@SEL$35")
USE_HASH_AGGREGATION(@"SEL$916FDCC7")
FULL(@"SEL$31" "L"@SEL$31")
INDEX_RS_ASC(@"SEL$31" "LO"@SEL$31 ("SCHEDULER$_LWJOB_OBJ"."OBJ#"))
INDEX(@"SEL$31" "LCO"@SEL$31 ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX(@"SEL$31" "PO"@SEL$31 ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
INDEX(@"SEL$31" "LU"@SEL$31 "I_USER#")
LEADING(@"SEL$31" "L"@SEL$31 "LO"@SEL$31 "LCO"@SEL$31"
"PO"@SEL$31 "LU"@SEL$31")
USE_NL(@"SEL$31" "LO"@SEL$31")
USE_NL(@"SEL$31" "LCO"@SEL$31")
USE_NL(@"SEL$31" "PO"@SEL$31")
USE_NL(@"SEL$31" "LU"@SEL$31")
FULL(@"SEL$20EAEDCE" "DI"@SEL$30")
FULL(@"SEL$20EAEDCE" "J"@SEL$12")
INDEX_RS_ASC(@"SEL$20EAEDCE" "JO"@SEL$12 ("OBJ$"."OBJ#"
"OBJ$"."OWNER#" "OBJ$"."TYPE#"))
INDEX(@"SEL$20EAEDCE" "CO"@SEL$12 ("OBJ$"."OBJ#" "OBJ$"."OWNER#"
"OBJ$"."TYPE#"))
FULL(@"SEL$20EAEDCE" "JU"@SEL$12")
FULL(@"SEL$20EAEDCE" "DI2"@SEL$30")
LEADING(@"SEL$20EAEDCE" "DI"@SEL$30 "J"@SEL$12 "JO"@SEL$12"
"CO"@SEL$12 "JU"@SEL$12 "DI2"@SEL$30")
USE_NL(@"SEL$20EAEDCE" "J"@SEL$12")
USE_NL(@"SEL$20EAEDCE" "JO"@SEL$12")
USE_NL(@"SEL$20EAEDCE" "CO"@SEL$12")
USE_HASH(@"SEL$20EAEDCE" "JU"@SEL$12")
USE_MERGE_CARTESIAN(@"SEL$20EAEDCE" "DI2"@SEL$30")
NO_ACCESS(@"SEL$13" "DJD"@SEL$13")
INDEX_RS_ASC(@"SEL$20" "U1"@SEL$20 ("USER$"."NAME"))

```

```

NO_ACCESS(@"SEL$20" "O1"@"SEL$20")
NO_ACCESS(@"SEL$20" "J1"@"SEL$20")
NO_ACCESS(@"SEL$20" "JD1"@"SEL$20")
LEADING(@"SEL$20" "U1"@"SEL$20" "O1"@"SEL$20" "J1"@"SEL$20"
"JD1"@"SEL$20")
USE_NL(@"SEL$20" "O1"@"SEL$20")
USE_HASH(@"SEL$20" "J1"@"SEL$20")
USE_HASH(@"SEL$20" "JD1"@"SEL$20")
NO_ACCESS(@"SEL$1FB6C052" "DD"@"SEL$14")
FULL(@"SEL$1FB6C052" "D"@"SEL$15")
LEADING(@"SEL$1FB6C052" "DD"@"SEL$14" "D"@"SEL$15")
USE_HASH(@"SEL$1FB6C052" "D"@"SEL$15")
INDEX_RS_ASC(@"SEL$5F3F0374" "U"@"SEL$18" ("USER$".NAME))
INDEX(@"SEL$5F3F0374" "O"@"SEL$18" ("OBJ$".OWNER# "OBJ$".NAME
"OBJ$".NAMESPACE "OBJ$".REMOTEOWNER "OBJ$".LINKNAME
"OBJ$".SUBNAME "OBJ$".TYPE# "OBJ$".SPARE3 "OBJ$".OBJ#))
INDEX_RS_ASC(@"SEL$5F3F0374" "J1"@"SEL$18" ("SCHEDULER$_JOB".OBJ#))
INDEX(@"SEL$5F3F0374" "W"@"SEL$17" ("SCHEDULER$_WINDOW_GROUP".OBJ#))
INDEX(@"SEL$5F3F0374" "WG"@"SEL$17" ("SCHEDULER$_WINGRP_MEMBER".OID
"SCHEDULER$_WINGRP_MEMBER".MEMBER_OID
"SCHEDULER$_WINGRP_MEMBER".MEMBER_OID2))
INDEX(@"SEL$5F3F0374" "D"@"SEL$17" ("SCHEDULER$_DESTINATIONS".OBJ#))
INDEX(@"SEL$5F3F0374" "CMO"@"SEL$17" ("OBJ$".OBJ# "OBJ$".OWNER#
"OBJ$".TYPE#))
INDEX(@"SEL$5F3F0374" "CMU"@"SEL$17" ("USER$".USER# "USER$".TYPE#
"USER$".SPARE1 "USER$".SPARE2))
INDEX(@"SEL$5F3F0374" "WMO"@"SEL$17" ("OBJ$".OBJ# "OBJ$".OWNER#
"OBJ$".TYPE#))
INDEX(@"SEL$5F3F0374" "WMU"@"SEL$17" ("USER$".USER# "USER$".TYPE#
"USER$".SPARE1 "USER$".SPARE2))
LEADING(@"SEL$5F3F0374" "U"@"SEL$18" "O"@"SEL$18" "J1"@"SEL$18"
"W"@"SEL$17" "WG"@"SEL$17" "D"@"SEL$17" "CMO"@"SEL$17" "CMU"@"SEL$17"
"WMO"@"SEL$17" "WMU"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "O"@"SEL$18")
USE_NL(@"SEL$5F3F0374" "J1"@"SEL$18")
USE_NL(@"SEL$5F3F0374" "W"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "WG"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "D"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "CMO"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "CMU"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "WMO"@"SEL$17")
USE_NL(@"SEL$5F3F0374" "WMU"@"SEL$17")
INDEX(@"SEL$19" "WM"@"SEL$19" ("SCHEDULER$_WINGRP_MEMBER".OID
"SCHEDULER$_WINGRP_MEMBER".MEMBER_OID
"SCHEDULER$_WINGRP_MEMBER".MEMBER_OID2))
FULL(@"SEL$A065B7E5" "D"@"SEL$28")
INDEX(@"SEL$A065B7E5" "O"@"SEL$28" ("OBJ$".OBJ# "OBJ$".OWNER#
"OBJ$".TYPE#))
LEADING(@"SEL$A065B7E5" "D"@"SEL$28" "O"@"SEL$28")
USE_NL(@"SEL$A065B7E5" "O"@"SEL$28")
NLJ_BATCHING(@"SEL$A065B7E5" "O"@"SEL$28")
FULL(@"SEL$1C34B9A1" "D"@"SEL$26")
INDEX(@"SEL$1C34B9A1" "AO"@"SEL$26" ("OBJ$".OBJ# "OBJ$".OWNER#
"OBJ$".TYPE#))

```





```

| 39 |          TABLE ACCESS CLUSTER          |          1 |          17 |          1 | 00:00:01 |
USERS$                                     |
| 40 |          INDEX UNIQUE SCAN              |          0 |          0 |          0 | 00:00:01 |
|          1 |          |          0 |          0 |          0 | 00:00:01 |
| 41 |          VIEW                          |          0 |          0 |          0 | 00:00:01 |
|          37 | 5698 | 115 | 00:00:02 |          0 | 00:00:01 |
| 42 |          NESTED LOOPS OUTER            |          0 |          0 |          0 | 00:00:01 |
|          37 | 2923 | 115 | 00:00:02 |          0 | 00:00:01 |
| 43 |          HASH JOIN                      |          0 |          0 |          0 | 00:00:01 |
|          37 | 2738 | 78 | 00:00:01 |          0 | 00:00:01 |
| 44 |          VIEW                          |          0 |          0 |          0 | 00:00:01 |
|          93 | 1209 | 73 | 00:00:01 |          0 | 00:00:01 |
| 45 |          HASH UNIQUE                    |          0 |          0 |          0 | 00:00:01 |
|          93 | 5208 | 73 | 00:00:01 |          0 | 00:00:01 |
| 46 |          WINDOW SORT                    |          0 |          0 |          0 | 00:00:01 |
|          93 | 5208 | 73 | 00:00:01 |          0 | 00:00:01 |
| 47 |          HASH JOIN OUTER                |          0 |          0 |          0 | 00:00:01 |
|          93 | 5208 | 71 | 00:00:01 |          0 | 00:00:01 |
| 48 |          TABLE ACCESS FULL            |          0 |          0 |          0 | 00:00:01 |
|          93 | 4743 | 5 | 00:00:01 |          0 | 00:00:01 |
| 49 |          INDEX FAST FULL SCAN          |          0 |          0 |          0 | 00:00:01 |
|          73K | 367K | 65 | 00:00:01 |          0 | 00:00:01 |
| 50 |          TABLE ACCESS FULL            |          0 |          0 |          0 | 00:00:01 |
|          93 | 5673 | 5 | 00:00:01 |          0 | 00:00:01 |
| 51 |          INDEX RANGE SCAN              |          0 |          0 |          0 | 00:00:01 |
|          1 | 5 | 1 | 00:00:01 |          0 | 00:00:01 |

```

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+-----+
      Explain Plan (SQL tuning set): hash=1499986165 hash2=3977685166
cost=245.155131
Dumping plan with type=SQL tuning set

```

```

=====
Plan Table
=====

```

```

-----+
+-----+
| Id | Operation | Name |
| Rows | Bytes | Cost | Time |
+-----+
| 0 | SELECT STATEMENT | | |
| 11 | 5786 | 274 | 00:00:04 |
| 1 | HASH JOIN OUTER | |
| 11 | 5786 | 274 | 00:00:04 |
| 2 | HASH JOIN OUTER | |
| 11 | 4092 | 129 | 00:00:02 |
| 3 | FILTER | |
| 4 | HASH JOIN RIGHT OUTER | |
| 11 | 3245 | 41 | 00:00:01 |
| 5 | TABLE ACCESS FULL | WRI$_ADV_PARAMETERS |
| 26 | 650 | 11 | 00:00:01 |

```



6			HASH JOIN						
37	9990	30		00:00:01					
7			TABLE ACCESS FULL						WRI\$_ADV_PARAMETERS
37	925	11		00:00:01					
8			HASH JOIN						
37	9065	18		00:00:01					
9			VIEW						DBA_ADVISOR_TASKS
37	8140	7		00:00:01					
10			FILTER						
11			HASH JOIN OUTER						
37	6105	7		00:00:01					
12			TABLE ACCESS FULL						WRI\$_ADV_TASKS
37	4699	3		00:00:01					
13			TABLE ACCESS FULL						WRI\$_ADV_EXECUTIONS
71	2698	3		00:00:01					
14			TABLE ACCESS FULL						WRI\$_ADV_PARAMETERS
37	925	11		00:00:01					
15			VIEW						DBA_SCHEDULER_JOBS
26	2002	88		00:00:02					
16			UNION-ALL						
17			MERGE JOIN CARTESIAN						
25	2950	83		00:00:01					
18			HASH JOIN						
25	2950	83		00:00:01					
19			NESTED LOOPS OUTER						
25	2525	79		00:00:01					
20			NESTED LOOPS						
25	2400	54		00:00:01					
21			NESTED LOOPS						
25	1575	4		00:00:01					
22			FIXED TABLE FULL						X\$KCCDI
1	13	0		00:00:01					
23			TABLE ACCESS FULL						SCHEDULER\$_JOB
25	1250	4		00:00:01					
24			TABLE ACCESS BY INDEX ROWID						
OBJ\$_		1		33		2		00:00:01	
25			INDEX RANGE SCAN						I_OBJ1
1		1		00:00:01					
26			INDEX RANGE SCAN						I_OBJ1
1	5	1		00:00:01					
27			TABLE ACCESS FULL						
USERS\$_		97		1649		3		00:00:01	
28			BUFFER SORT						
1		80		00:00:01					
29			FIXED TABLE FULL						X\$KCCDI2
1		0		00:00:01					
30			NESTED LOOPS						
1	182	5		00:00:01					
31			NESTED LOOPS						
1	165	4		00:00:01					
32			NESTED LOOPS OUTER						
1	156	3		00:00:01					

```

| 33 |          NESTED LOOPS          | | |
|   1 |   151 |   2 | 00:00:01 |
| 34 |          TABLE ACCESS FULL    |
SCHEDULER$_LIGHTWEIGHT_JOB|   1 | 108 |   2 | 00:00:01 |
| 35 |          TABLE ACCESS BY INDEX ROWID | SCHEDULER$_LWJOB_OBJ
|   1 |   43 |   0 | 00:00:01 |
| 36 |          INDEX UNIQUE SCAN      | SCHEDULER$_LOBJ_PK
|   1 |     |   0 | 00:00:01 |
| 37 |          INDEX RANGE SCAN      | I_OBJ1
|   1 |   5 |   1 | 00:00:01 |
| 38 |          INDEX RANGE SCAN      | I_OBJ1
|   1 |   9 |   1 | 00:00:01 |
| 39 |          TABLE ACCESS CLUSTER |
USER$_          |   1 | 17 |   1 | 00:00:01 |
| 40 |          INDEX UNIQUE SCAN      | I_USER#
|   1 |     |   0 | 00:00:01 |
| 41 |          VIEW                   |
|  37 | 5698 | 144 | 00:00:02 |
| 42 |          HASH JOIN OUTER       |
|  37 | 2923 | 144 | 00:00:02 |
| 43 |          HASH JOIN              |
|  37 | 2738 |  78 | 00:00:01 |
| 44 |          VIEW                   | VW_NSO_1
|  93 | 1209 |  73 | 00:00:01 |
| 45 |          HASH UNIQUE           |
|  93 | 5208 |  73 | 00:00:01 |
| 46 |          WINDOW SORT           |
|  93 | 5208 |  73 | 00:00:01 |
| 47 |          HASH JOIN OUTER       |
|  93 | 5208 |  71 | 00:00:01 |
| 48 |          TABLE ACCESS FULL    | SCHEDULER$_EVENT_LOG
|  93 | 4743 |   5 | 00:00:01 |
| 49 |          INDEX FAST FULL SCAN  | I_OBJ1
|  73K | 367K |  65 | 00:00:01 |
| 50 |          TABLE ACCESS FULL    | SCHEDULER$_EVENT_LOG
|  93 | 5673 |   5 | 00:00:01 |
| 51 |          INDEX FAST FULL SCAN  | I_OBJ1
|  73K | 367K |  65 | 00:00:01 |

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      Explain Plan (SQL tuning set): hash=3185450730 hash2=320837199
cost=274.091487
kesaiTuneSqlDrv(): end sql analysis
kesatmDumpTaskStats() begin
  status:5 totalSqls:1 totalWkldTime:0 curSqlCount:1
  curWkldTime:4676599 tunedWkldTime:4676599 wFnd:1
  curFindCount:4 wTO:0 wErr:0
  sofarBenef:0 sofarProcBenef:0
  wStat:1 wProfs:0 wApaProfs:0 wProfsVerified:0
  wProfsImpl:0 wIndx:0 wRestr:0
  dbTimeBefI:0 dbTimeAftI:0 dbTimeBefR:0 dbTimeAftR:0
kesatmDumpTaskStats() end
kesaiTuneSqlDrv(): exit, retcode=0

```